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MARSHALL & ILSLEY CORP/WI/  
Form 13F-HR  
May 01, 2007

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D. C. 20549  
Form 13F

Form 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 03/31/2007

Check here if Amendment [ ]; Amendment Number:

This Amendment (Check only one.): [ ] is a restatement.

[ ] adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: Marshall & Ilsley Corporation  
Address: 770 North Water Street  
Milwaukee, WI 53202

Form 13F File Number: 28-272

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Jeffrey O. Himstreet  
Title: Vice President  
Phone: 414-765-7809

Signature, Place, and Date of Signing:

/s/Jeffrey O. Himstreet

Milwaukee, WI

4/13/07

[Signature]

[City, State]

[Date]

Report Type (Check only one.):

- [X] 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)
- [ ] 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)
- [ ] 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F SUMMARY PAGE

Report Summary:

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Number of Other Included Managers: 2  
 Form 13F Information Table Entry Total: 1,849  
 Form 13F Information Table Value Total: \$ 5,342,673  
 (thousands)

List of Other Included Mangers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

| No. | Form 13F File Number | Name   |
|-----|----------------------|--|
| 01  | 28-7680              | Marshall & Ilsley Trust Company N.A.<br>(formerly known as M&I National Trust Company and successor to Marshall & Ilsley Trust Company, 13F file no. 28-273; Marshall & Ilsley Trust Company of Florida, 13F file no. 28-4318; and Marshall & Ilsley Trust Company of Arizona, SEC file no. 28-4316) |
| 05  | 28-274               | M&I Investment Management Corp.  |

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MARSHALL & ILSLEY TRUST CO N.A.  
 SECURITIES AND EXCHANGE COMMISSION FORM 13F  
 ASSETS AS OF 03/31/2007

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN

| NAME OF ISSUER         | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | SH/PUT/SOLE PRN CALL (A) | INVESTMENT DISCRETION |          |          |      |
|------------------------|----------------|-----------|------------------------|-----------------|--------------------------|-----------------------|----------|----------|------|
|                        |                |           |                        |                 |                          | SHR (B)               | OTHR (C) | OTHR (C) | MGRS |
| DAIMLERCHRYSLER AG     | ORD            | D1668R123 | 186                    | 3,024SH         | X                        |                       |          |          | 01   |
| ACE LTD                | ORD            | G0070K103 | 11,365                 | 199,176SH       | X                        |                       |          |          | 01   |
| ACE LTD                | ORD            | G0070K103 | 10                     | 167SH           |                          |                       | X        |          | 01   |
| ASSURED GUARANTY LTD   | COM            | G0585R106 | 4,290                  | 157,032SH       | X                        |                       |          |          | 01   |
| ACCENTURE LTD BERMUDA  | CL A           | G1150G111 | 1,655                  | 42,955SH        | X                        |                       |          |          | 01   |
| ACCENTURE LTD BERMUDA  | CL A           | G1150G111 | 214                    | 5,549SH         |                          |                       | X        |          | 01   |
| COOPER INDS LTD        | CL A           | G24182100 | 461                    | 10,253SH        | X                        |                       |          |          | 01   |
| COOPER INDS LTD        | CL A           | G24182100 | 22                     | 484SH           |                          |                       | X        |          | 01   |
| FRONTLINE LTD          | SHS            | G3682E127 | 317                    | 8,930SH         | X                        |                       |          |          | 01   |
| GARMIN LTD             | ORD            | G37260109 | 409                    | 7,550SH         | X                        |                       |          |          | 01   |
| GARMIN LTD             | ORD            | G37260109 | 172                    | 3,170SH         |                          |                       | X        |          | 01   |
| GLOBALSANTAFE CORP     | SHS            | G3930E101 | 9,213                  | 149,360SH       | X                        |                       |          |          | 01   |
| GLOBALSANTAFE CORP     | SHS            | G3930E101 | 1,642                  | 26,626SH        |                          |                       | X        |          | 01   |
| INGERSOLL-RAND COMPANY | CL A           | G4776G101 | 583                    | 13,450SH        | X                        |                       |          |          | 01   |

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|                         |               |           |        |             |   |   |    |
|-------------------------|---------------|-----------|--------|-------------|---|---|----|
| INGERSOLL-RAND COMPANY  | CL A          | G4776G101 | 76     | 1,760SH     |   | X | 01 |
| MARVELL TECHNOLOGY GRP  | ORD           | G5876H105 | 1,564  | 93,062SH    | X |   | 01 |
| MARVELL TECHNOLOGY GRP  | ORD           | G5876H105 | 40     | 2,372SH     |   | X | 01 |
| MAX RE CAPITAL LTD      | SHS           | G6052F103 | 290    | 11,400SH    | X |   | 01 |
| NABORS INDUSTRIES LTD   | SHS           | G6359F103 | 409    | 13,774SH    | X |   | 01 |
| NABORS INDUSTRIES LTD   | SHS           | G6359F103 | 12     | 394SH       |   | X | 01 |
| NOBLE CORPORATION       | SHS           | G65422100 | 2,083  | 26,477SH    | X |   | 01 |
| NOBLE CORPORATION       | SHS           | G65422100 | 3      | 41SH        |   | X | 01 |
| ORIENT-EXPRESS HOTELS   | CL A          | G67743107 | 520    | 8,700SH     | X |   | 01 |
| PARTNERRE LTD           | COM           | G6852T105 | 11,909 | 173,755SH   | X |   | 01 |
| RENAISSANCERE HOLDINGS  | COM           | G7496G103 | 4,982  | 99,354SH    | X |   | 01 |
| RENAISSANCERE HOLDINGS  | COM           | G7496G103 | 756    | 15,070SH    |   | X | 01 |
| SEAGATE TECHNOLOGY      | SHS           | G7945J104 | 631    | 27,099SH    | X |   | 01 |
| SHIP FINANCE INTERNATNL | SHS           | G81075106 | 1,030  | 37,535SH    | X |   | 01 |
| SHIP FINANCE INTERNATNL | SHS           | G81075106 | 36     | 1,300SH     |   | X | 01 |
| SINA CORP               | ORD           | G81477104 | 3,067  | 91,254SH    | X |   | 01 |
| SMART MODULAR TECHNLS   | ORD SHS       | G82245104 | 1,846  | 144,317SH   | X |   | 01 |
| TRANSOCEAN INC          | ORD           | G90078109 | 3,468  | 42,445SH    | X |   | 01 |
| TRANSOCEAN INC          | ORD           | G90078109 | 278    | 3,400SH     |   | X | 01 |
| VISTAPRINT LIMITED      | SHS           | G93762204 | 2,677  | 69,901SH    | X |   | 01 |
| WEATHERFORD INTERNATNL  | COM           | G95089101 | 606    | 13,447SH    | X |   | 01 |
| WEATHERFORD INTERNATNL  | COM           | G95089101 | 123    | 2,735SH     |   | X | 01 |
| WILLIS GROUP HOLDINGS   | SHS           | G96655108 | 2,039  | 51,505SH    | X |   | 01 |
| XL CAP LTD              | CL A          | G98255105 | 23,823 | 340,523SH   | X |   | 01 |
| XL CAP LTD              | CL A          | G98255105 | 1,360  | 19,435SH    |   | X | 01 |
| ALCON INC               | COM SHS       | H01301102 | 1,673  | 12,691SH    | X |   | 01 |
| ALCON INC               | COM SHS       | H01301102 | 176    | 1,335SH     |   | X | 01 |
| LOGITECH INTL S A       | SHS           | H50430232 | 458    | 16,447SH    | X |   | 01 |
| LOGITECH INTL S A       | SHS           | H50430232 | 24     | 866SH       |   | X | 01 |
| UBS AG                  | SHS NEW       | H89231338 | 7,233  | 121,699SH   | X |   | 01 |
| UBS AG                  | SHS NEW       | H89231338 | 892    | 15,004SH    |   | X | 01 |
| MILICOM INTL CELLULAR   | SHS NEW       | L6388F110 | 1,437  | 18,343SH    | X |   | 01 |
| CHECK POINT SOFTWARE    | ORD           | M22465104 | 1,905  | 85,485SH    | X |   | 01 |
| CHECK POINT SOFTWARE    | ORD           | M22465104 | 18     | 805SH       |   | X | 01 |
| GILAT SATELLITE NETWRKS | SHS NEW       | M51474118 | 1,528  | 185,181SH   | X |   | 01 |
| ASML HLDG NV            | N Y SHS       | N07059111 | 1,347  | 54,411SH    | X |   | 01 |
| ORTHOFIX INTL N V       | COM           | N6748L102 | 1,384  | 27,111SH    | X |   | 01 |
| GENCO SHIPPING & TRDNG  | SHS           | Y2685T107 | 1,637  | 51,520SH    | X |   | 01 |
| QUINTANA MARITIME LTD   | SHS           | Y7169G109 | 296    | 21,500SH    | X |   | 01 |
| AAR CORP                | COM           | 000361105 | 2,837  | 102,951SH   | X |   | 01 |
| ABB LTD                 | SPONSORED ADR | 000375204 | 2,705  | 157,467SH   | X |   | 01 |
| ABB LTD                 | SPONSORED ADR | 000375204 | 24     | 1,400SH     |   | X | 01 |
| ACCO BRANDS CORP        | COM           | 00081T108 | 647    | 26,839SH    | X |   | 01 |
| ACCO BRANDS CORP        | COM           | 00081T108 | 23     | 965SH       |   | X | 01 |
| ABN AMRO HLDG NV        | SPONSORED ADR | 000937102 | 201    | 4,670SH     | X |   | 01 |
| ABN AMRO HLDG NV        | SPONSORED ADR | 000937102 | 6      | 145SH       |   | X | 01 |
| AFC ENTERPRISES INC     | COM           | 00104Q107 | 262    | 13,050SH    | X |   | 01 |
| AFLAC INC               | COM           | 001055102 | 1,049  | 22,298SH    | X |   | 01 |
| AFLAC INC               | COM           | 001055102 | 116    | 2,462SH     |   | X | 01 |
| AES CORP                | COM           | 00130H105 | 922    | 42,837SH    | X |   | 01 |
| AES CORP                | COM           | 00130H105 | 169    | 7,856SH     |   | X | 01 |
| AT&T INC                | COM           | 00206R102 | 54,536 | 1,383,098SH | X |   | 01 |
| AT&T INC                | COM           | 00206R102 | 8,369  | 212,249SH   |   | X | 01 |
| AVI BIOPHARMA INC       | COM           | 002346104 | 228    | 85,000SH    | X |   | 01 |
| ABBOTT LABS             | COM           | 002824100 | 29,454 | 527,844SH   | X |   | 01 |
| ABBOTT LABS             | COM           | 002824100 | 7,360  | 131,897SH   |   | X | 01 |
| ACTIVISION INC NEW      | COM NEW       | 004930202 | 2,045  | 107,980SH   | X |   | 01 |
| ACTUANT CORP            | CL A NEW      | 00508X203 | 168    | 3,300SH     | X |   | 01 |
| ACTUANT CORP            | CL A NEW      | 00508X203 | 81     | 1,600SH     |   | X | 01 |
| ACUITY BRANDS INC       | COM           | 00508Y102 | 329    | 6,045SH     | X |   | 01 |
| ADOBE SYS INC           | COM           | 00724F101 | 3,459  | 82,960SH    | X |   | 01 |
| ADOBE SYS INC           | COM           | 00724F101 | 19     | 461SH       |   | X | 01 |

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|                          |              |           |       |          |   |   |    |
|--------------------------|--------------|-----------|-------|----------|---|---|----|
| DADVANTAGE ENERGY INC FD | TR UNIT      | 00762L101 | 247   | 24,010SH | X |   | 0  |
| ADVISORY BRD CO          | COM          | 00762W107 | 2,703 | 53,389SH | X |   | 01 |
| AEROPOSTALE              | COM          | 007865108 | 1,652 | 41,063SH | X |   | 01 |
| AEROPOSTALE              | COM          | 007865108 | 44    | 1,090SH  |   | X | 01 |
| AEGON N V                | ORD AMER REG | 007924103 | 280   | 14,046SH | X |   | 01 |
| AEGON N V                | ORD AMER REG | 007924103 | 308   | 15,448SH |   | X | 01 |
| AETNA INC NEW            | COM          | 00817Y108 | 1,325 | 30,267SH | X |   | 01 |
| AETNA INC NEW            | COM          | 00817Y108 | 445   | 10,157SH |   | X | 01 |
| AFFILIATED COMPUTER SRV  | CL A         | 008190100 | 1,093 | 18,571SH | X |   | 01 |
| AFFILIATED COMPUTER SRV  | CL A         | 008190100 | 24    | 415SH    |   | X | 01 |
| AFFILIATED MANAGERS GRP  | COM          | 008252108 | 8,841 | 81,601SH | X |   | 01 |
| AGILENT TECHNOLOGIES     | COM          | 00846U101 | 119   | 3,523SH  | X |   | 01 |
| AGILENT TECHNOLOGIES     | COM          | 00846U101 | 84    | 2,482SH  |   | X | 01 |
| AGRIUM INC               | COM          | 008916108 | 421   | 10,980SH | X |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER          | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION |         |          | OTHER MGRS |
|-------------------------|----------------|-----------|------------------------|-----------------|-----------------------|---------|----------|------------|
|                         |                |           |                        |                 | SH/PUT/SOLE CALL (A)  | SHR (B) | OTHR (C) |            |
| AIR PRODS & CHEMS INC   | COM            | 009158106 | 2,568                  | 34,717SH        | X                     |         |          | 01         |
| AIR PRODS & CHEMS INC   | COM            | 009158106 | 1,337                  | 18,076SH        |                       |         | X        | 01         |
| AIRGAS INC              | COM            | 009363102 | 362                    | 8,582SH         | X                     |         |          | 01         |
| AKAMAI TECHNOLOGIES INC | COM            | 00971T101 | 4,149                  | 83,107SH        | X                     |         |          | 01         |
| AKAMAI TECHNOLOGIES INC | COM            | 00971T101 | 108                    | 2,163SH         |                       |         | X        | 01         |
| AKZO NOBEL NV           | SPONSORED ADR  | 010199305 | 215                    | 2,834SH         | X                     |         |          | 01         |
| AKZO NOBEL NV           | SPONSORED ADR  | 010199305 | 112                    | 1,480SH         |                       |         | X        | 01         |
| ALBANY INTL CORP        | CL A           | 012348108 | 248                    | 6,902SH         | X                     |         |          | 01         |
| ALBEMARLE CORP          | COM            | 012653101 | 156                    | 3,779SH         | X                     |         |          | 01         |
| ALBEMARLE CORP          | COM            | 012653101 | 58                     | 1,394SH         |                       |         | X        | 01         |
| ALCOA INC               | COM            | 013817101 | 4,703                  | 138,725SH       | X                     |         |          | 01         |
| ALCOA INC               | COM            | 013817101 | 1,658                  | 48,908SH        |                       |         | X        | 01         |
| ALCATEL-LUCENT          | SPONSORED ADR  | 013904305 | 387                    | 32,760SH        | X                     |         |          | 01         |
| ALCATEL-LUCENT          | SPONSORED ADR  | 013904305 | 38                     | 3,186SH         |                       |         | X        | 01         |
| ALEXION PHARMACEUTICALS | COM            | 015351109 | 3,653                  | 84,485SH        | X                     |         |          | 01         |
| ALLEGHENY ENERGY INC    | COM            | 017361106 | 945                    | 19,221SH        | X                     |         |          | 01         |
| ALLEGHENY ENERGY INC    | COM            | 017361106 | 28                     | 562SH           |                       |         | X        | 01         |
| ALLEGHENY TECHNOLOGIES  | COM            | 01741R102 | 1,192                  | 11,171SH        | X                     |         |          | 01         |
| ALLEGHENY TECHNOLOGIES  | COM            | 01741R102 | 40                     | 372SH           |                       |         | X        | 01         |
| ALLERGAN INC            | COM            | 018490102 | 2,738                  | 24,709SH        | X                     |         |          | 01         |
| ALLERGAN INC            | COM            | 018490102 | 24                     | 220SH           |                       |         | X        | 01         |
| ALLETE INC              | COM NEW        | 018522300 | 323                    | 6,934SH         | X                     |         |          | 01         |
| ALLETE INC              | COM NEW        | 018522300 | 23                     | 486SH           |                       |         | X        | 01         |
| ALLIANCE DATA SYSTEMS   | COM            | 018581108 | 1,907                  | 30,954SH        | X                     |         |          | 01         |
| ALLIANT ENERGY CORP     | COM            | 018802108 | 2,850                  | 63,582SH        | X                     |         |          | 01         |
| ALLIANT ENERGY CORP     | COM            | 018802108 | 416                    | 9,275SH         |                       |         | X        | 01         |
| ALLIANT TECHSYSTEMS INC | COM            | 018804104 | 11,221                 | 127,630SH       | X                     |         |          | 01         |
| ALLIANZ SE              | SP ADR 1/10 SH | 018805101 | 127                    | 6,181SH         | X                     |         |          | 01         |
| ALLIANZ SE              | SP ADR 1/10 SH | 018805101 | 102                    | 4,940SH         |                       |         | X        | 01         |
| ALLIANCEBERNSTN INC FD  | COM            | 01881E101 | 67                     | 8,021SH         | X                     |         |          | 01         |

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|                         |                 |           |        |           |   |   |    |
|-------------------------|-----------------|-----------|--------|-----------|---|---|----|
| ALLIANCEBERNSTN INC FD  | COM             | 01881E101 | 20     | 2,403SH   | X |   | 01 |
| ALLIANCEBERNSTEIN HLDNG | UNIT LTD PARTN  | 01881G106 | 27     | 300SH     | X |   | 01 |
| ALLIANCEBERNSTEIN HLDNG | UNIT LTD PARTN  | 01881G106 | 549    | 6,200SH   |   | X | 01 |
| ALLIED CAP CORP NEW     | COM             | 01903Q108 | 202    | 7,025SH   | X |   | 01 |
| ALLIED CAP CORP NEW     | COM             | 01903Q108 | 61     | 2,125SH   |   | X | 01 |
| ALLIED IRISH BKS P L C  | SPON ADR ORD    | 019228402 | 353    | 5,900SH   | X |   | 01 |
| ALLIED IRISH BKS P L C  | SPON ADR ORD    | 019228402 | 130    | 2,165SH   |   | X | 01 |
| ALLIED WASTE INDS INC   | COM PAR\$.01NEW | 019589308 | 242    | 19,221SH  | X |   | 01 |
| ALLSTATE CORP           | COM             | 020002101 | 6,377  | 106,174SH | X |   | 01 |
| ALLSTATE CORP           | COM             | 020002101 | 657    | 10,934SH  |   | X | 01 |
| ALLTEL CORP             | COM             | 020039103 | 10,176 | 164,121SH | X |   | 01 |
| ALLTEL CORP             | COM             | 020039103 | 166    | 2,675SH   |   | X | 01 |
| ALTERA CORP             | COM             | 021441100 | 520    | 26,017SH  | X |   | 01 |
| ALTERA CORP             | COM             | 021441100 | 16     | 795SH     |   | X | 01 |
| ALTRIA GROUP INC        | COM             | 02209S103 | 51,688 | 588,636SH | X |   | 01 |
| ALTRIA GROUP INC        | COM             | 02209S103 | 20,963 | 238,726SH |   | X | 01 |
| ALUMINA LTD             | SPONSORED ADR   | 022205108 | 484    | 20,540SH  |   | X | 01 |
| AMBAC FINL GROUP INC    | COM             | 023139108 | 15,326 | 177,401SH | X |   | 01 |
| AMBAC FINL GROUP INC    | COM             | 023139108 | 82     | 947SH     |   | X | 01 |
| AMEREN CORP             | COM             | 023608102 | 8,431  | 167,624SH | X |   | 01 |
| AMEREN CORP             | COM             | 023608102 | 323    | 6,418SH   |   | X | 01 |
| AMERICA MOVIL SAB DE CV | SPON ADR L SHS  | 02364W105 | 2,911  | 60,921SH  | X |   | 01 |
| AMERICA MOVIL SAB DE CV | SPON ADR L SHS  | 02364W105 | 244    | 5,116SH   |   | X | 01 |
| AMCORE FINL INC         | COM             | 023912108 | 27     | 859SH     | X |   | 01 |
| AMCORE FINL INC         | COM             | 023912108 | 486    | 15,297SH  |   | X | 01 |
| AMERICAN CAPITAL STRTGS | COM             | 024937104 | 1,420  | 32,036SH  | X |   | 01 |
| AMERICAN CAPITAL STRTGS | COM             | 024937104 | 66     | 1,500SH   |   | X | 01 |
| AMERICAN COMMERCL LNS   | COM NEW         | 025195207 | 1,461  | 46,447SH  | X |   | 01 |
| AMERICAN EAGLE OUTFTRS  | COM             | 02553E106 | 1,475  | 49,186SH  | X |   | 01 |
| AMERICAN EAGLE OUTFTRS  | COM             | 02553E106 | 65     | 2,161SH   |   | X | 01 |
| AMERICAN ELEC PWR INC   | COM             | 025537101 | 2,659  | 54,539SH  | X |   | 01 |
| AMERICAN ELEC PWR INC   | COM             | 025537101 | 145    | 2,975SH   |   | X | 01 |
| AMERICAN EXPRESS CO     | COM             | 025816109 | 7,806  | 138,397SH | X |   | 01 |
| AMERICAN EXPRESS CO     | COM             | 025816109 | 2,331  | 41,332SH  |   | X | 01 |
| AMERICAN INTL GROUP INC | COM             | 026874107 | 26,621 | 396,026SH | X |   | 01 |
| AMERICAN INTL GROUP INC | COM             | 026874107 | 3,327  | 49,491SH  |   | X | 01 |
| AMERICAN STD COS INC    | COM             | 029712106 | 812    | 15,318SH  | X |   | 01 |
| AMERICAN STD COS INC    | COM             | 029712106 | 16     | 304SH     |   | X | 01 |
| AMERICAN STS WTR CO     | COM             | 029899101 | 539    | 14,610SH  | X |   | 01 |
| AMERICAN TOWER CORP     | CL A            | 029912201 | 2,902  | 74,506SH  | X |   | 01 |
| AMERICAN TOWER CORP     | CL A            | 029912201 | 135    | 3,472SH   |   | X | 01 |
| AMERICAN TECHNOLOGY     | COM NEW         | 030145205 | 40     | 10,000SH  |   | X | 01 |
| AMERISAFE INC           | COM             | 03071H100 | 3,230  | 171,347SH | X |   | 01 |
| AMERISOURCEBERGEN CORP  | COM             | 03073E105 | 13,810 | 261,807SH | X |   | 01 |
| AMERISOURCEBERGEN CORP  | COM             | 03073E105 | 36     | 685SH     |   | X | 01 |
| AMERIPRISE FINL INC     | COM             | 03076C106 | 4,344  | 76,023SH  | X |   | 01 |
| AMERIPRISE FINL INC     | COM             | 03076C106 | 235    | 4,114SH   |   | X | 01 |
| AMGEN INC               | COM             | 031162100 | 16,485 | 295,016SH | X |   | 01 |
| AMGEN INC               | COM             | 031162100 | 1,227  | 21,955SH  |   | X | 01 |
| AMPHENOL CORP NEW       | CL A            | 032095101 | 1,857  | 28,766SH  | X |   | 01 |
| AMPHENOL CORP NEW       | CL A            | 032095101 | 55     | 847SH     |   | X | 01 |
| ANADARKO PETE CORP      | COM             | 032511107 | 1,392  | 32,392SH  | X |   | 01 |
| ANADARKO PETE CORP      | COM             | 032511107 | 354    | 8,225SH   |   | X | 01 |
| ANADIGICS INC           | COM             | 032515108 | 1,278  | 108,119SH | X |   | 01 |
| ANALOG DEVICES INC      | COM             | 032654105 | 7,655  | 221,935SH | X |   | 01 |
| ANALOG DEVICES INC      | COM             | 032654105 | 683    | 19,806SH  |   | X | 01 |
| ANCHOR BANCORP WIS INC  | COM             | 032839102 | 261    | 9,198SH   | X |   | 01 |
| ANCHOR BANCORP WIS INC  | COM             | 032839102 | 700    | 24,680SH  |   | X | 01 |
| ANDREW CORP             | COM             | 034425108 | 919    | 86,804SH  | X |   | 01 |
| ANDREW CORP             | COM             | 034425108 | 1      | 100SH     |   | X | 01 |

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REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.  
 SECURITIES AND EXCHANGE COMMISSION FORM 13F  
 ASSETS AS OF 03/31/2007

| ----- COLUMN 1 -----   | ----- COLUMN 2 ----- | ----- COLUMN 3 ----- | ----- COLUMN 4 -----   | ----- COLUMN 5 ----- | ----- COLUMN 6 -----     | ----- COLUMN 7 -----  |          |
|------------------------|----------------------|----------------------|------------------------|----------------------|--------------------------|-----------------------|----------|
| NAME OF ISSUER         | TITLE OF CLASS       | CUSIP                | MARKET VALUE (X\$1000) | SHRS OR PRN AMT      | SH/PUT/SOLE PRN CALL (A) | INVESTMENT DISCRETION |          |
|                        |                      |                      |                        |                      |                          | SHR OTHR (B)          | OTHR (C) |
| IANGLO AMERN PLC       | ADR                  | 03485P102            | 357                    | 13,500SH             | X                        |                       | 0        |
| ANGLO AMERN PLC        | ADR                  | 03485P102            | 125                    | 4,726SH              |                          | X                     | 01       |
| ANGLOGOLD ASHANTI LTD  | SPONSORED ADR        | 035128206            | 56                     | 1,260SH              | X                        |                       | 01       |
| ANGLOGOLD ASHANTI LTD  | SPONSORED ADR        | 035128206            | 565                    | 12,677SH             |                          | X                     | 01       |
| ANHEUSER BUSCH COS INC | COM                  | 035229103            | 6,348                  | 125,811SH            | X                        |                       | 01       |
| ANHEUSER BUSCH COS INC | COM                  | 035229103            | 4,597                  | 91,105SH             |                          | X                     | 01       |
| ANSYS INC              | COM                  | 03662Q105            | 3,780                  | 74,453SH             | X                        |                       | 01       |
| ANTHRACITE CAP INC     | COM                  | 037023108            | 190                    | 15,850SH             | X                        |                       | 01       |
| AON CORP               | COM                  | 037389103            | 469                    | 12,348SH             | X                        |                       | 01       |
| AON CORP               | COM                  | 037389103            | 136                    | 3,583SH              |                          | X                     | 01       |
| APACHE CORP            | COM                  | 037411105            | 13,705                 | 193,853SH            | X                        |                       | 01       |
| APACHE CORP            | COM                  | 037411105            | 930                    | 13,158SH             |                          | X                     | 01       |
| APARTMENT INVT & MGMT  | CL A                 | 03748R101            | 5,305                  | 91,961SH             | X                        |                       | 01       |
| APARTMENT INVT & MGMT  | CL A                 | 03748R101            | 123                    | 2,140SH              |                          | X                     | 01       |
| APOGEE ENTERPRISES INC | COM                  | 037598109            | 2,381                  | 118,830SH            | X                        |                       | 01       |
| APOGEE ENTERPRISES INC | COM                  | 037598109            | 80                     | 4,000SH              |                          | X                     | 01       |
| APOLLO GROUP INC       | CL A                 | 037604105            | 216                    | 4,918SH              | X                        |                       | 01       |
| APOLLO GROUP INC       | CL A                 | 037604105            | 7                      | 168SH                |                          | X                     | 01       |
| APOLLO INVT CORP       | COM                  | 03761U106            | 206                    | 9,622SH              | X                        |                       | 01       |
| APOLLO INVT CORP       | COM                  | 03761U106            | 24                     | 1,112SH              |                          | X                     | 01       |
| APPLE INC              | COM                  | 037833100            | 12,661                 | 136,274SH            | X                        |                       | 01       |
| APPLE INC              | COM                  | 037833100            | 562                    | 6,053SH              |                          | X                     | 01       |
| APPLEBEES INTL INC     | COM                  | 037899101            | 215                    | 8,670SH              | X                        |                       | 01       |
| APRIA HEALTHCARE GROUP | COM                  | 037933108            | 294                    | 9,113SH              | X                        |                       | 01       |
| APPLERA CORP           | COM AP BIO GRP       | 038020103            | 989                    | 33,434SH             | X                        |                       | 01       |
| APPLERA CORP           | COM AP BIO GRP       | 038020103            | 3                      | 100SH                |                          | X                     | 01       |
| APPLERA CORP           | COM CELERA GRP       | 038020202            | 1,476                  | 103,926SH            | X                        |                       | 01       |
| APPLIED MATLS INC      | COM                  | 038222105            | 11,296                 | 616,574SH            | X                        |                       | 01       |
| APPLIED MATLS INC      | COM                  | 038222105            | 697                    | 38,044SH             |                          | X                     | 01       |
| AQUILA INC             | COM                  | 03840P102            | 114                    | 27,382SH             | X                        |                       | 01       |
| ARCADIA RES INC        | COM                  | 039209101            | 40                     | 20,000SH             | X                        |                       | 01       |
| ARCELOR MITTAL         | NY REG SH CL A       | 03937E101            | 561                    | 10,600SH             | X                        |                       | 01       |
| ARCHER DANIELS MIDLAND | COM                  | 039483102            | 5,348                  | 145,734SH            | X                        |                       | 01       |
| ARCHER DANIELS MIDLAND | COM                  | 039483102            | 136                    | 3,694SH              |                          | X                     | 01       |
| ARCHSTONE SMITH TR     | COM                  | 039583109            | 4,897                  | 90,217SH             | X                        |                       | 01       |
| ARCHSTONE SMITH TR     | COM                  | 039583109            | 46                     | 850SH                |                          | X                     | 01       |
| ARENA RESOURCES INC    | COM                  | 040049108            | 2,922                  | 58,295SH             | X                        |                       | 01       |
| ARM HLDGS PLC          | SPONSORED ADR        | 042068106            | 157                    | 19,950SH             | X                        |                       | 01       |
| ARMOR HOLDINGS INC     | COM                  | 042260109            | 1,491                  | 22,145SH             | X                        |                       | 01       |
| ARROW ELECTRS INC      | COM                  | 042735100            | 8,634                  | 228,721SH            | X                        |                       | 01       |
| ARVINMERITOR INC       | COM                  | 043353101            | 211                    | 11,559SH             | X                        |                       | 01       |
| ARVINMERITOR INC       | COM                  | 043353101            | 1                      | 49SH                 |                          | X                     | 01       |
| ASHLAND INC NEW        | COM                  | 044209104            | 387                    | 5,897SH              | X                        |                       | 01       |
| ASHLAND INC NEW        | COM                  | 044209104            | 66                     | 1,010SH              |                          | X                     | 01       |
| ASSOCIATED BANC CORP   | COM                  | 045487105            | 7,388                  | 219,891SH            | X                        |                       | 01       |
| ASSOCIATED BANC CORP   | COM                  | 045487105            | 2,573                  | 76,575SH             |                          | X                     | 01       |

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|                         |                 |           |        |             |   |  |   |  |    |
|-------------------------|-----------------|-----------|--------|-------------|---|--|---|--|----|
| ATWOOD OCEANICS INC     | COM             | 050095108 | 2,913  | 49,635SH    | X |  |   |  | 01 |
| AUTODESK INC            | COM             | 052769106 | 6,237  | 165,889SH   | X |  |   |  | 01 |
| AUTODESK INC            | COM             | 052769106 | 23     | 602SH       |   |  | X |  | 01 |
| AUTOLIV INC             | COM             | 052800109 | 10,331 | 180,905SH   | X |  |   |  | 01 |
| AUTOLIV INC             | COM             | 052800109 | 174    | 3,045SH     |   |  | X |  | 01 |
| AUTOMATIC DATA PROCSSNG | COM             | 053015103 | 1,791  | 36,998SH    | X |  |   |  | 01 |
| AUTOMATIC DATA PROCSSNG | COM             | 053015103 | 1,323  | 27,332SH    |   |  | X |  | 01 |
| AUTONATION INC          | COM             | 05329W102 | 240    | 11,285SH    | X |  |   |  | 01 |
| AUTONATION INC          | COM             | 05329W102 | 7      | 326SH       |   |  | X |  | 01 |
| AUTOZONE INC            | COM             | 053332102 | 908    | 7,083SH     | X |  |   |  | 01 |
| AUTOZONE INC            | COM             | 053332102 | 34     | 269SH       |   |  | X |  | 01 |
| AVALONBAY CMNTYS INC    | COM             | 053484101 | 843    | 6,484SH     | X |  |   |  | 01 |
| AVAYA INC               | COM             | 053499109 | 447    | 37,828SH    | X |  |   |  | 01 |
| AVAYA INC               | COM             | 053499109 | 9      | 795SH       |   |  | X |  | 01 |
| AVERY DENNISON CORP     | COM             | 053611109 | 2,610  | 40,623SH    | X |  |   |  | 01 |
| AVERY DENNISON CORP     | COM             | 053611109 | 301    | 4,680SH     |   |  | X |  | 01 |
| AVIS BUDGET GROUP       | COM             | 053774105 | 226    | 8,261SH     | X |  |   |  | 01 |
| AVIS BUDGET GROUP       | COM             | 053774105 | 29     | 1,060SH     |   |  | X |  | 01 |
| AVNET INC               | COM             | 053807103 | 914    | 25,290SH    | X |  |   |  | 01 |
| AVON PRODS INC          | COM             | 054303102 | 683    | 18,337SH    | X |  |   |  | 01 |
| AVON PRODS INC          | COM             | 054303102 | 3      | 71SH        |   |  | X |  | 01 |
| BB&T CORP               | COM             | 054937107 | 9,641  | 235,021SH   | X |  |   |  | 01 |
| BB&T CORP               | COM             | 054937107 | 126    | 3,078SH     |   |  | X |  | 01 |
| B & G FOODS INC NEW     | UNIT 99/99/9999 | 05508R205 | 47     | 2,000SH     | X |  |   |  | 01 |
| B & G FOODS INC NEW     | UNIT 99/99/9999 | 05508R205 | 351    | 15,000SH    |   |  | X |  | 01 |
| B A S F A G             | SPONSORED ADR   | 055262505 | 249    | 2,215SH     | X |  |   |  | 01 |
| B A S F A G             | SPONSORED ADR   | 055262505 | 125    | 1,115SH     |   |  | X |  | 01 |
| BJS WHOLESALE CLUB INC  | COM             | 05548J106 | 10,493 | 310,180SH   | X |  |   |  | 01 |
| BJ SVCS CO              | COM             | 055482103 | 320    | 11,471SH    | X |  |   |  | 01 |
| BJ SVCS CO              | COM             | 055482103 | 13     | 478SH       |   |  | X |  | 01 |
| BP PLC                  | SPONSORED ADR   | 055622104 | 12,926 | 199,631SH   | X |  |   |  | 01 |
| BP PLC                  | SPONSORED ADR   | 055622104 | 6,865  | 106,023SH   |   |  | X |  | 01 |
| BPZ ENERGY INC          | COM             | 055639108 | 3,327  | 554,428SH   | X |  |   |  | 01 |
| BMC SOFTWARE INC        | COM             | 055921100 | 1,653  | 53,701SH    | X |  |   |  | 01 |
| BMC SOFTWARE INC        | COM             | 055921100 | 41     | 1,346SH     |   |  | X |  | 01 |
| BADGER METER INC        | COM             | 056525108 | 26,106 | 983,288SH   | X |  |   |  | 01 |
| BADGER METER INC        | COM             | 056525108 | 499    | 18,800SH    |   |  | X |  | 01 |
| BAKER HUGHES INC        | COM             | 057224107 | 874    | 13,212SH    | X |  |   |  | 01 |
| BAKER HUGHES INC        | COM             | 057224107 | 32     | 490SH       |   |  | X |  | 01 |
| BALL CORP               | COM             | 058498106 | 914    | 19,936SH    | X |  |   |  | 01 |
| BALL CORP               | COM             | 058498106 | 46     | 997SH       |   |  | X |  | 01 |
| BANCO SANTANDER CENT    | ADR             | 05964H105 | 227    | 12,713SH    | X |  |   |  | 01 |
| BANCO SANTANDER CENT    | ADR             | 05964H105 | 84     | 4,710SH     |   |  | X |  | 01 |
| BANK OF AMERICA CORP    | COM             | 060505104 | 55,658 | 1,090,902SH | X |  |   |  | 01 |

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- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER | TITLE OF CLASS | CUSIP | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |         |          | OTHER MGRS |
|----------------|----------------|-------|------------------------|-----------------|--------------------------|---------|----------|------------|
|                |                |       |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTHR (C) |            |

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|                        |                |           |        |           |   |   |    |
|------------------------|----------------|-----------|--------|-----------|---|---|----|
| BANK OF AMERICA CORP   | COM            | 060505104 | 6,724  | 131,783SH |   | X | 01 |
| BANK MUTUAL CORP NEW   | COM            | 063750103 | 296    | 26,021SH  | X |   | 01 |
| BANK MUTUAL CORP NEW   | COM            | 063750103 | 199    | 17,506SH  |   | X | 01 |
| BANK NEW YORK INC      | COM            | 064057102 | 5,580  | 137,606SH | X |   | 01 |
| BANK NEW YORK INC      | COM            | 064057102 | 453    | 11,166SH  |   | X | 01 |
| BANKUNITED FINL CORP   | CL A           | 06652B103 | 218    | 10,262SH  | X |   | 01 |
| BARCLAYS BK PLC        | DJAIG CMDTY 36 | 06738C778 | 516    | 10,158SH  | X |   | 01 |
| BARCLAYS PLC           | ADR            | 06738E204 | 354    | 6,220SH   | X |   | 01 |
| BARCLAYS PLC           | ADR            | 06738E204 | 9      | 150SH     |   | X | 01 |
| BARD C R INC           | COM            | 067383109 | 3,073  | 38,655SH  | X |   | 01 |
| BARD C R INC           | COM            | 067383109 | 1,745  | 21,950SH  |   | X | 01 |
| BARRICK GOLD CORP      | COM            | 067901108 | 152    | 5,325SH   | X |   | 01 |
| BARRICK GOLD CORP      | COM            | 067901108 | 1,316  | 46,085SH  |   | X | 01 |
| BAXTER INTL INC        | COM            | 071813109 | 15,449 | 293,315SH | X |   | 01 |
| BAXTER INTL INC        | COM            | 071813109 | 1,149  | 21,822SH  |   | X | 01 |
| BE AEROSPACE INC       | COM            | 073302101 | 3,925  | 123,827SH | X |   | 01 |
| BE AEROSPACE INC       | COM            | 073302101 | 18     | 565SH     |   | X | 01 |
| BEAR STEARNS COS INC   | COM            | 073902108 | 8,872  | 59,010SH  | X |   | 01 |
| BEAR STEARNS COS INC   | COM            | 073902108 | 132    | 875SH     |   | X | 01 |
| BECTON DICKINSON & CO  | COM            | 075887109 | 1,701  | 22,119SH  | X |   | 01 |
| BECTON DICKINSON & CO  | COM            | 075887109 | 15     | 198SH     |   | X | 01 |
| BED BATH & BEYOND INC  | COM            | 075896100 | 226    | 5,627SH   | X |   | 01 |
| BED BATH & BEYOND INC  | COM            | 075896100 | 5      | 114SH     |   | X | 01 |
| BELDEN CDT INC         | COM            | 077454106 | 596    | 11,118SH  | X |   | 01 |
| BEMIS INC              | COM            | 081437105 | 585    | 17,521SH  | X |   | 01 |
| BEMIS INC              | COM            | 081437105 | 8      | 245SH     |   | X | 01 |
| BENIHANA INC           | CL A           | 082047200 | 1,212  | 42,855SH  | X |   | 01 |
| BERKLEY W R CORP       | COM            | 084423102 | 2,447  | 73,885SH  | X |   | 01 |
| BERKLEY W R CORP       | COM            | 084423102 | 51     | 1,545SH   |   | X | 01 |
| BERKSHIRE HATHAWAY INC | CL A           | 084670108 | 218    | 2SH       | X |   | 01 |
| BERKSHIRE HATHAWAY INC | CL A           | 084670108 | 1,526  | 14SH      |   | X | 01 |
| BERKSHIRE HATHAWAY INC | CL B           | 084670207 | 3,760  | 1,033SH   | X |   | 01 |
| BERKSHIRE HATHAWAY INC | CL B           | 084670207 | 1,616  | 444SH     |   | X | 01 |
| BEST BUY INC           | COM            | 086516101 | 6,500  | 133,409SH | X |   | 01 |
| BEST BUY INC           | COM            | 086516101 | 1,719  | 35,286SH  |   | X | 01 |
| BHP BILLITON LTD       | SPONSORED ADR  | 088606108 | 136    | 2,806SH   | X |   | 01 |
| BHP BILLITON LTD       | SPONSORED ADR  | 088606108 | 596    | 12,300SH  |   | X | 01 |
| BIG LOTS INC           | COM            | 089302103 | 2,938  | 93,936SH  | X |   | 01 |
| BIG LOTS INC           | COM            | 089302103 | 5      | 155SH     |   | X | 01 |
| BIO-REFERENCE LABS INC | COM \$.01 NEW  | 09057G602 | 888    | 34,979SH  | X |   | 01 |
| BIO RAD LABS INC       | CL A           | 090572207 | 230    | 3,300SH   | X |   | 01 |
| BIOMARIN PHARMACEUTIC  | COM            | 09061G101 | 4,351  | 252,089SH | X |   | 01 |
| BIOMET INC             | COM            | 090613100 | 332    | 7,812SH   | X |   | 01 |
| BIOMET INC             | COM            | 090613100 | 109    | 2,561SH   |   | X | 01 |
| BIOGEN IDEC INC        | COM            | 09062X103 | 2,764  | 62,279SH  | X |   | 01 |
| BIOGEN IDEC INC        | COM            | 09062X103 | 41     | 925SH     |   | X | 01 |
| BIOVAIL CORP           | COM            | 09067J109 | 10,896 | 498,463SH | X |   | 01 |
| BLACK & DECKER CORP    | COM            | 091797100 | 2,855  | 34,974SH  | X |   | 01 |
| BLACK & DECKER CORP    | COM            | 091797100 | 6      | 73SH      |   | X | 01 |
| BLACKROCK INC          | COM            | 09247X101 | 1,134  | 7,255SH   | X |   | 01 |
| BLACKROCK INC          | COM            | 09247X101 | 27     | 170SH     |   | X | 01 |
| BLOCK H & R INC        | COM            | 093671105 | 3,823  | 181,708SH | X |   | 01 |
| BLOCK H & R INC        | COM            | 093671105 | 121    | 5,750SH   |   | X | 01 |
| BLOCKBUSTER INC        | CL A           | 093679108 | 4,848  | 752,757SH | X |   | 01 |
| BOEING CO              | COM            | 097023105 | 26,831 | 301,779SH | X |   | 01 |
| BOEING CO              | COM            | 097023105 | 2,223  | 24,998SH  |   | X | 01 |
| BON-TON STORES INC     | COM            | 09776J101 | 2,456  | 43,666SH  | X |   | 01 |
| BORG WARNER INC        | COM            | 099724106 | 865    | 11,465SH  | X |   | 01 |
| BOSTON PROPERTIES INC  | COM            | 101121101 | 2,357  | 20,076SH  | X |   | 01 |
| BOSTON PROPERTIES INC  | COM            | 101121101 | 30     | 256SH     |   | X | 01 |
| BOSTON SCIENTIFIC CORP | COM            | 101137107 | 681    | 46,820SH  | X |   | 01 |
| BOSTON SCIENTIFIC CORP | COM            | 101137107 | 47     | 3,239SH   |   | X | 01 |



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|                         |                |           |        |           |   |  |   |  |    |
|-------------------------|----------------|-----------|--------|-----------|---|--|---|--|----|
| BRADY CORP              | CL A           | 104674106 | 113    | 3,611SH   | X |  |   |  | 01 |
| BRADY CORP              | CL A           | 104674106 | 1,540  | 49,347SH  |   |  | X |  | 01 |
| BRIGGS & STRATTON CORP  | COM            | 109043109 | 1,770  | 57,373SH  | X |  |   |  | 01 |
| BRIGGS & STRATTON CORP  | COM            | 109043109 | 454    | 14,720SH  |   |  | X |  | 01 |
| BRINKER INTL INC        | COM            | 109641100 | 2,224  | 67,998SH  | X |  |   |  | 01 |
| BRINKS CO               | COM            | 109696104 | 288    | 4,541SH   | X |  |   |  | 01 |
| BRISTOL MYERS SQUIBB    | COM            | 110122108 | 18,587 | 669,552SH | X |  |   |  | 01 |
| BRISTOL MYERS SQUIBB    | COM            | 110122108 | 2,147  | 77,334SH  |   |  | X |  | 01 |
| BROADCOM CORP           | CL A           | 111320107 | 2,261  | 70,496SH  | X |  |   |  | 01 |
| BROADCOM CORP           | CL A           | 111320107 | 9      | 283SH     |   |  | X |  | 01 |
| BROCADE COMMUNICATIONS  | COM            | 111621108 | 93     | 9,810SH   | X |  |   |  | 01 |
| BROCADE COMMUNICATIONS  | COM            | 111621108 | 17     | 1,778SH   |   |  | X |  | 01 |
| BROOKFIELD ASSET MGMT   | CL A LTD VT SH | 112585104 | 198    | 3,780SH   | X |  |   |  | 01 |
| BROOKFIELD ASSET MGMT   | CL A LTD VT SH | 112585104 | 115    | 2,207SH   |   |  | X |  | 01 |
| BROOKLINE BANCORP INC   | COM            | 11373M107 | 135    | 10,659SH  | X |  |   |  | 01 |
| BROWN FORMAN CORP       | CL B           | 115637209 | 295    | 4,502SH   | X |  |   |  | 01 |
| BROWN FORMAN CORP       | CL B           | 115637209 | 4      | 61SH      |   |  | X |  | 01 |
| BRUNSWICK CORP          | COM            | 117043109 | 1,146  | 35,966SH  | X |  |   |  | 01 |
| BRUNSWICK CORP          | COM            | 117043109 | 30     | 954SH     |   |  | X |  | 01 |
| BURLINGTON NORTHN SANTA | COM            | 12189T104 | 3,953  | 49,153SH  | X |  |   |  | 01 |
| BURLINGTON NORTHN SANTA | COM            | 12189T104 | 859    | 10,686SH  |   |  | X |  | 01 |
| CBS CORP NEW            | CL B           | 124857202 | 2,318  | 75,782SH  | X |  |   |  | 01 |
| CBS CORP NEW            | CL B           | 124857202 | 122    | 3,998SH   |   |  | X |  | 01 |
| CB RICHARD ELLIS GROUP  | CL A           | 12497T101 | 3,844  | 112,460SH | X |  |   |  | 01 |
| CB RICHARD ELLIS GROUP  | CL A           | 12497T101 | 239    | 7,003SH   |   |  | X |  | 01 |
| CIGNA CORP              | COM            | 125509109 | 1,319  | 9,243SH   | X |  |   |  | 01 |
| CIGNA CORP              | COM            | 125509109 | 315    | 2,210SH   |   |  | X |  | 01 |
| CIT GROUP INC           | COM            | 125581108 | 11,518 | 217,655SH | X |  |   |  | 01 |

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| NAME OF ISSUER          | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |         |          |           |
|-------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|----------|-----------|
|                         |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTHR (C) | OTHR MGRS |
| CIT GROUP INC           | COM            | 125581108 | 57                     | 1,080SH         |                          |         | X        | 01        |
| CMS ENERGY CORP         | COM            | 125896100 | 9,860                  | 553,956SH       | X                        |         |          | 01        |
| CMS ENERGY CORP         | COM            | 125896100 | 1                      | 45SH            |                          |         | X        | 01        |
| CSX CORP                | COM            | 126408103 | 743                    | 18,560SH        | X                        |         |          | 01        |
| CSX CORP                | COM            | 126408103 | 239                    | 5,980SH         |                          |         | X        | 01        |
| CVS CAREMARK CORP       | COM            | 126650100 | 3,793                  | 111,090SH       | X                        |         |          | 01        |
| CVS CAREMARK CORP       | COM            | 126650100 | 300                    | 8,790SH         |                          |         | X        | 01        |
| CA INC                  | COM            | 12673P105 | 275                    | 10,619SH        | X                        |         |          | 01        |
| CA INC                  | COM            | 12673P105 | 180                    | 6,962SH         |                          |         | X        | 01        |
| CABELAS INC             | COM            | 126804301 | 4,806                  | 193,718SH       | X                        |         |          | 01        |
| CADBURY SCHWEPPE PLC    | ADR            | 127209302 | 649                    | 12,625SH        | X                        |         |          | 01        |
| CADBURY SCHWEPPE PLC    | ADR            | 127209302 | 6                      | 120SH           |                          |         | X        | 01        |
| CADENCE DESIGN SYSTEM   | COM            | 127387108 | 10,491                 | 498,136SH       | X                        |         |          | 01        |
| CALAMOS STRATEGIC TOTAL | COM SH BEN INT | 128125101 | 153                    | 10,105SH        | X                        |         |          | 01        |
| CALGON CARBON CORP      | COM            | 129603106 | 439                    | 52,850SH        | X                        |         |          | 01        |
| CALGON CARBON CORP      | COM            | 129603106 | 2                      | 200SH           |                          |         | X        | 01        |

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|                         |                 |           |        |             |   |   |    |
|-------------------------|-----------------|-----------|--------|-------------|---|---|----|
| CAMECO CORP             | COM             | 13321L108 | 1,836  | 44,836SH    | X |   | 01 |
| CAMECO CORP             | COM             | 13321L108 | 487    | 11,900SH    |   | X | 01 |
| CAMPBELL SOUP CO        | COM             | 134429109 | 2,102  | 53,960SH    | X |   | 01 |
| CAMPBELL SOUP CO        | COM             | 134429109 | 153    | 3,932SH     |   | X | 01 |
| CANON INC               | ADR             | 138006309 | 703    | 13,093SH    | X |   | 01 |
| CANON INC               | ADR             | 138006309 | 5      | 90SH        |   | X | 01 |
| CAPITAL ONE FINL CORP   | COM             | 14040H105 | 501    | 6,636SH     | X |   | 01 |
| CAPITAL ONE FINL CORP   | COM             | 14040H105 | 795    | 10,538SH    |   | X | 01 |
| CAPSTONE TURBINE CORP   | COM             | 14067D102 | 16     | 15,000SH    |   | X | 01 |
| CARDINAL HEALTH INC     | COM             | 14149Y108 | 7,560  | 103,626SH   | X |   | 01 |
| CARDINAL HEALTH INC     | COM             | 14149Y108 | 857    | 11,747SH    |   | X | 01 |
| CARMAX INC              | COM             | 143130102 | 1,331  | 54,226SH    | X |   | 01 |
| CARNIVAL CORP           | PAIRED CTF      | 143658300 | 491    | 10,487SH    | X |   | 01 |
| CARNIVAL CORP           | PAIRED CTF      | 143658300 | 366    | 7,800SH     |   | X | 01 |
| CASEYS GEN STORES INC   | COM             | 147528103 | 233    | 9,297SH     | X |   | 01 |
| CASEYS GEN STORES INC   | COM             | 147528103 | 3      | 100SH       |   | X | 01 |
| CATERPILLAR INC DEL     | COM             | 149123101 | 6,032  | 89,990SH    | X |   | 01 |
| CATERPILLAR INC DEL     | COM             | 149123101 | 3,180  | 47,441SH    |   | X | 01 |
| CBEYOND INC             | COM             | 149847105 | 2,652  | 90,436SH    | X |   | 01 |
| CELADON GROUP INC       | COM             | 150838100 | 1,291  | 77,332SH    | X |   | 01 |
| CELGENE CORP            | COM             | 151020104 | 3,779  | 72,043SH    | X |   | 01 |
| CELGENE CORP            | COM             | 151020104 | 142    | 2,706SH     |   | X | 01 |
| CEMEX SAB DE CV         | SPON ADR 5 ORD  | 151290889 | 495    | 15,107SH    | X |   | 01 |
| CEMEX SAB DE CV         | SPON ADR 5 ORD  | 151290889 | 16     | 482SH       |   | X | 01 |
| CENTERPOINT ENERGY INC  | COM             | 15189T107 | 5,441  | 303,298SH   | X |   | 01 |
| CENTERPOINT ENERGY INC  | COM             | 15189T107 | 44     | 2,474SH     |   | X | 01 |
| CENTERPLATE INC         | UNIT 99/99/9999 | 15200E204 | 33     | 2,000SH     | X |   | 01 |
| CENTERPLATE INC         | UNIT 99/99/9999 | 15200E204 | 301    | 18,500SH    |   | X | 01 |
| CENTRAL EUROPEAN DIST   | COM             | 153435102 | 1,776  | 61,013SH    | X |   | 01 |
| CENTRAL FD CDA LTD      | CL A            | 153501101 | 94     | 10,000SH    | X |   | 01 |
| CENTRAL FD CDA LTD      | CL A            | 153501101 | 2      | 200SH       |   | X | 01 |
| CENVEO INC              | COM             | 15670S105 | 267    | 11,000SH    | X |   | 01 |
| CENTURYTEL INC          | COM             | 156700106 | 168    | 3,718SH     | X |   | 01 |
| CENTURYTEL INC          | COM             | 156700106 | 79     | 1,745SH     |   | X | 01 |
| CEPHALON INC            | COM             | 156708109 | 3,108  | 43,650SH    | X |   | 01 |
| CERNER CORP             | COM             | 156782104 | 1,785  | 32,780SH    | X |   | 01 |
| CHARLES RIV LABS INTL   | COM             | 159864107 | 58     | 1,256SH     | X |   | 01 |
| CHARLES RIV LABS INTL   | COM             | 159864107 | 227    | 4,917SH     |   | X | 01 |
| CHECKPOINT SYS INC      | COM             | 162825103 | 374    | 15,813SH    | X |   | 01 |
| CHESAPEAKE ENERGY CORP  | COM             | 165167107 | 2,485  | 80,481SH    | X |   | 01 |
| CHESAPEAKE ENERGY CORP  | COM             | 165167107 | 162    | 5,245SH     |   | X | 01 |
| CHEVRON CORP NEW        | COM             | 166764100 | 65,451 | 884,949SH   | X |   | 01 |
| CHEVRON CORP NEW        | COM             | 166764100 | 6,338  | 85,701SH    |   | X | 01 |
| CHICAGO MERCANTILE      | CL A            | 167760107 | 2,750  | 5,164SH     | X |   | 01 |
| CHICAGO MERCANTILE      | CL A            | 167760107 | 239    | 449SH       |   | X | 01 |
| CHICOS FAS INC          | COM             | 168615102 | 5,262  | 215,381SH   | X |   | 01 |
| CHICOS FAS INC          | COM             | 168615102 | 7      | 300SH       |   | X | 01 |
| CHUBB CORP              | COM             | 171232101 | 9,491  | 183,683SH   | X |   | 01 |
| CHUBB CORP              | COM             | 171232101 | 331    | 6,411SH     |   | X | 01 |
| CHUNGHWA TELECOM CO LTD | SPONSORED ADR   | 17133Q205 | 0      | 6SH         | X |   | 01 |
| CHUNGHWA TELECOM CO LTD | SPONSORED ADR   | 17133Q205 | 885    | 44,415SH    |   | X | 01 |
| CINCINNATI FINL CORP    | COM             | 172062101 | 5,453  | 128,614SH   | X |   | 01 |
| CINCINNATI FINL CORP    | COM             | 172062101 | 85     | 2,015SH     |   | X | 01 |
| CISCO SYS INC           | COM             | 17275R102 | 35,170 | 1,377,578SH | X |   | 01 |
| CISCO SYS INC           | COM             | 17275R102 | 4,515  | 176,861SH   |   | X | 01 |
| CINTAS CORP             | COM             | 172908105 | 754    | 20,880SH    | X |   | 01 |
| CINTAS CORP             | COM             | 172908105 | 12     | 325SH       |   | X | 01 |
| CITIGROUP INC           | COM             | 172967101 | 61,787 | 1,203,494SH | X |   | 01 |
| CITIGROUP INC           | COM             | 172967101 | 6,959  | 135,541SH   |   | X | 01 |
| CITIZENS COMMUNICATIONS | COM             | 17453B101 | 16,531 | 1,105,759SH | X |   | 01 |
| CITIZENS COMMUNICATIONS | COM             | 17453B101 | 190    | 12,720SH    |   | X | 01 |
| CITRIX SYS INC          | COM             | 177376100 | 597    | 18,629SH    | X |   | 01 |

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|                        |     |           |        |           |   |  |   |    |
|------------------------|-----|-----------|--------|-----------|---|--|---|----|
| CITRIX SYS INC         | COM | 177376100 | 17     | 531SH     |   |  | X | 01 |
| CITY NATL CORP         | COM | 178566105 | 5,461  | 74,203SH  | X |  |   | 01 |
| CLARCOR INC            | COM | 179895107 | 24     | 745SH     | X |  |   | 01 |
| CLARCOR INC            | COM | 179895107 | 445    | 14,000SH  |   |  | X | 01 |
| CLEAR CHANNEL COMMNCTN | COM | 184502102 | 7,774  | 221,869SH | X |  |   | 01 |
| CLEAR CHANNEL COMMNCTN | COM | 184502102 | 86     | 2,448SH   |   |  | X | 01 |
| CLOROX CO DEL          | COM | 189054109 | 1,071  | 16,811SH  | X |  |   | 01 |
| CLOROX CO DEL          | COM | 189054109 | 79     | 1,242SH   |   |  | X | 01 |
| COACH INC              | COM | 189754104 | 8,539  | 170,615SH | X |  |   | 01 |
| COACH INC              | COM | 189754104 | 1,294  | 25,860SH  |   |  | X | 01 |
| COCA COLA CO           | COM | 191216100 | 25,594 | 533,214SH | X |  |   | 01 |
| COCA COLA CO           | COM | 191216100 | 4,642  | 96,717SH  |   |  | X | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER          | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |               |           |            |
|-------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------------|-----------|------------|
|                         |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR OTHER (B) | OTHER (C) | OTHER MGRS |
| COCA COLA ENTERPRISES   | COM            | 191219104 | 11,431                 | 564,500SH       | X                        |               |           | 01         |
| COCA COLA ENTERPRISES   | COM            | 191219104 | 3                      | 131SH           |                          |               | X         | 01         |
| COEUR D ALENE MINES     | COM            | 192108108 | 45                     | 11,000SH        | X                        |               |           | 01         |
| COGNIZANT TECHNOLOGY    | CL A           | 192446102 | 3,841                  | 43,509SH        | X                        |               |           | 01         |
| COGNIZANT TECHNOLOGY    | CL A           | 192446102 | 272                    | 3,081SH         |                          |               | X         | 01         |
| COLGATE PALMOLIVE CO    | COM            | 194162103 | 18,399                 | 275,482SH       | X                        |               |           | 01         |
| COLGATE PALMOLIVE CO    | COM            | 194162103 | 2,857                  | 42,769SH        |                          |               | X         | 01         |
| COLONIAL BANCGROUP INC  | COM            | 195493309 | 239                    | 9,665SH         | X                        |               |           | 01         |
| COMCAST CORP NEW        | CL A           | 20030N101 | 17,247                 | 664,612SH       | X                        |               |           | 01         |
| COMCAST CORP NEW        | CL A           | 20030N101 | 687                    | 26,471SH        |                          |               | X         | 01         |
| COMCAST CORP NEW        | CL A SPL       | 20030N200 | 120                    | 4,717SH         | X                        |               |           | 01         |
| COMCAST CORP NEW        | CL A SPL       | 20030N200 | 604                    | 23,695SH        |                          |               | X         | 01         |
| COMERICA INC            | COM            | 200340107 | 6,338                  | 107,208SH       | X                        |               |           | 01         |
| COMERICA INC            | COM            | 200340107 | 305                    | 5,161SH         |                          |               | X         | 01         |
| COMMERCE BANCORP INC NJ | COM            | 200519106 | 255                    | 7,626SH         | X                        |               |           | 01         |
| COMMERCE BANCSHARES INC | COM            | 200525103 | 3,761                  | 77,854SH        | X                        |               |           | 01         |
| COMMERCE BANCSHARES INC | COM            | 200525103 | 1,253                  | 25,944SH        |                          |               | X         | 01         |
| COMPASS BANCSHARES INC  | COM            | 20449H109 | 879                    | 12,773SH        | X                        |               |           | 01         |
| COMPASS BANCSHARES INC  | COM            | 20449H109 | 7                      | 96SH            |                          |               | X         | 01         |
| COMPUTER SCIENCES CORP  | COM            | 205363104 | 1,714                  | 32,884SH        | X                        |               |           | 01         |
| COMPUTER SCIENCES CORP  | COM            | 205363104 | 31                     | 598SH           |                          |               | X         | 01         |
| COMPUWARE CORP          | COM            | 205638109 | 379                    | 39,896SH        | X                        |               |           | 01         |
| COMPUWARE CORP          | COM            | 205638109 | 1                      | 85SH            |                          |               | X         | 01         |
| CONAGRA FOODS INC       | COM            | 205887102 | 3,104                  | 124,606SH       | X                        |               |           | 01         |
| CONAGRA FOODS INC       | COM            | 205887102 | 43                     | 1,707SH         |                          |               | X         | 01         |
| CONOCOPHILLIPS          | COM            | 20825C104 | 27,032                 | 395,492SH       | X                        |               |           | 01         |
| CONOCOPHILLIPS          | COM            | 20825C104 | 2,536                  | 37,107SH        |                          |               | X         | 01         |
| CONSECO INC             | COM NEW        | 208464883 | 238                    | 13,764SH        | X                        |               |           | 01         |
| CONSOLIDATED EDISON INC | COM            | 209115104 | 10,337                 | 202,449SH       | X                        |               |           | 01         |
| CONSOLIDATED EDISON INC | COM            | 209115104 | 326                    | 6,385SH         |                          |               | X         | 01         |
| CONSOLIDATED GRAPHICS   | COM            | 209341106 | 264                    | 3,560SH         | X                        |               |           | 01         |
| CONSTELLATION ENERGY    | COM            | 210371100 | 4,826                  | 55,506SH        | X                        |               |           | 01         |

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|                         |               |           |        |             |   |  |   |    |
|-------------------------|---------------|-----------|--------|-------------|---|--|---|----|
| CONSTELLATION ENERGY    | COM           | 210371100 | 49     | 569SH       |   |  | X | 01 |
| CONVERGYS CORP          | COM           | 212485106 | 1,054  | 41,462SH    | X |  |   | 01 |
| CONVERGYS CORP          | COM           | 212485106 | 19     | 730SH       |   |  | X | 01 |
| CORN PRODS INTL INC     | COM           | 219023108 | 341    | 9,589SH     | X |  |   | 01 |
| CORNING INC             | COM           | 219350105 | 2,062  | 90,688SH    | X |  |   | 01 |
| CORNING INC             | COM           | 219350105 | 84     | 3,711SH     |   |  | X | 01 |
| COSTCO WHSL CORP NEW    | COM           | 22160K105 | 1,040  | 19,315SH    | X |  |   | 01 |
| COSTCO WHSL CORP NEW    | COM           | 22160K105 | 360    | 6,680SH     |   |  | X | 01 |
| COUNTRYWIDE FINANCIAL   | COM           | 222372104 | 1,732  | 51,499SH    | X |  |   | 01 |
| COUNTRYWIDE FINANCIAL   | COM           | 222372104 | 245    | 7,269SH     |   |  | X | 01 |
| COVANCE INC             | COM           | 222816100 | 1,457  | 24,548SH    | X |  |   | 01 |
| COVENTRY HEALTH CARE    | COM           | 222862104 | 431    | 7,685SH     | X |  |   | 01 |
| COVENTRY HEALTH CARE    | COM           | 222862104 | 3      | 45SH        |   |  | X | 01 |
| COX RADIO INC           | CL A          | 224051102 | 153    | 11,179SH    | X |  |   | 01 |
| CREDIT SUISSE GROUP     | SPONSORED ADR | 225401108 | 262    | 3,642SH     | X |  |   | 01 |
| CREDIT SUISSE GROUP     | SPONSORED ADR | 225401108 | 6      | 80SH        |   |  | X | 01 |
| CROWN CASTLE INTL CORP  | COM           | 228227104 | 1,605  | 49,958SH    | X |  |   | 01 |
| CROWN CASTLE INTL CORP  | COM           | 228227104 | 64     | 2,000SH     |   |  | X | 01 |
| CUMMINS INC             | COM           | 231021106 | 2,312  | 15,979SH    | X |  |   | 01 |
| CUMMINS INC             | COM           | 231021106 | 19     | 129SH       |   |  | X | 01 |
| CURRENCY SHS JAPANESE   | JAPANESE YEN  | 23130A102 | 229    | 2,699SH     |   |  | X | 01 |
| CURRENCY SHARES EURO TR | EURO SHS      | 23130C108 | 201    | 1,500SH     | X |  |   | 01 |
| CURRENCY SHARES EURO TR | EURO SHS      | 23130C108 | 622    | 4,641SH     |   |  | X | 01 |
| CUTERA INC              | COM           | 232109108 | 2,937  | 81,153SH    | X |  |   | 01 |
| CYNOSURE INC            | CL A          | 232577205 | 1,933  | 67,006SH    | X |  |   | 01 |
| CYTEC INDS INC          | COM           | 232820100 | 244    | 4,347SH     | X |  |   | 01 |
| CYTEC INDS INC          | COM           | 232820100 | 18     | 316SH       |   |  | X | 01 |
| DNP SELECT INCOME FD    | COM           | 23325P104 | 747    | 66,423SH    | X |  |   | 01 |
| DNP SELECT INCOME FD    | COM           | 23325P104 | 45     | 3,995SH     |   |  | X | 01 |
| DRS TECHNOLOGIES INC    | COM           | 23330X100 | 4,560  | 87,415SH    | X |  |   | 01 |
| D R HORTON INC          | COM           | 23331A109 | 755    | 34,308SH    | X |  |   | 01 |
| D R HORTON INC          | COM           | 23331A109 | 1      | 65SH        |   |  | X | 01 |
| DST SYS INC DEL         | COM           | 233326107 | 2,033  | 27,040SH    | X |  |   | 01 |
| DTE ENERGY CO           | COM           | 233331107 | 5,917  | 123,521SH   | X |  |   | 01 |
| DTE ENERGY CO           | COM           | 233331107 | 152    | 3,175SH     |   |  | X | 01 |
| DANAHER CORP DEL        | COM           | 235851102 | 2,606  | 36,478SH    | X |  |   | 01 |
| DANAHER CORP DEL        | COM           | 235851102 | 198    | 2,776SH     |   |  | X | 01 |
| DARDEN RESTAURANTS INC  | COM           | 237194105 | 393    | 9,537SH     | X |  |   | 01 |
| DARDEN RESTAURANTS INC  | COM           | 237194105 | 8      | 205SH       |   |  | X | 01 |
| DEALERTRACK HLDGS INC   | COM           | 242309102 | 2,287  | 74,449SH    | X |  |   | 01 |
| DEAN FOODS CO NEW       | COM           | 242370104 | 353    | 7,558SH     | X |  |   | 01 |
| DEAN FOODS CO NEW       | COM           | 242370104 | 4      | 90SH        |   |  | X | 01 |
| DEERE & CO              | COM           | 244199105 | 10,942 | 100,714SH   | X |  |   | 01 |
| DEERE & CO              | COM           | 244199105 | 847    | 7,794SH     |   |  | X | 01 |
| DEL MONTE FOODS CO      | COM           | 24522P103 | 11,566 | 1,007,453SH | X |  |   | 01 |
| DEL MONTE FOODS CO      | COM           | 24522P103 | 32     | 2,746SH     |   |  | X | 01 |
| DELL INC                | COM           | 24702R101 | 9,917  | 427,252SH   | X |  |   | 01 |
| DELL INC                | COM           | 24702R101 | 851    | 36,662SH    |   |  | X | 01 |
| DENBURY RES INC         | COM NEW       | 247916208 | 1,786  | 59,964SH    | X |  |   | 01 |
| DENNYS CORP             | COM           | 24869P104 | 221    | 45,000SH    | X |  |   | 01 |
| DENTSPLY INTL INC NEW   | COM           | 249030107 | 6,761  | 206,450SH   | X |  |   | 01 |
| DENTSPLY INTL INC NEW   | COM           | 249030107 | 52     | 1,600SH     |   |  | X | 01 |
| DEUTSCHE TELEKOM AG     | SPONSORED ADR | 251566105 | 194    | 11,725SH    | X |  |   | 01 |
| DEUTSCHE TELEKOM AG     | SPONSORED ADR | 251566105 | 10     | 595SH       |   |  | X | 01 |
| DEVELOPERS DIVERSIFIED  | COM           | 251591103 | 212    | 3,367SH     | X |  |   | 01 |
| DEVELOPERS DIVERSIFIED  | COM           | 251591103 | 6      | 95SH        |   |  | X | 01 |
| DEVON ENERGY CORP NEW   | COM           | 25179M103 | 4,128  | 59,631SH    | X |  |   | 01 |
| DEVON ENERGY CORP NEW   | COM           | 25179M103 | 217    | 3,137SH     |   |  | X | 01 |

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REPORT PTR289 98

MARSHALL & ILSLEY TRUST CO N.A.  
 SECURITIES AND EXCHANGE COMMISSION FORM 13F  
 ASSETS AS OF 03/31/2007

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUM

| NAME OF ISSUER          | TITLE<br>OF<br>CLASS | CUSIP     | MARKET<br>VALUE<br>(X\$1000) | SHRS OR<br>PRN AMT | INVESTMENT DISCRETION       |         |          | OTHER<br>(C) | OTHER<br>MGRS |
|-------------------------|----------------------|-----------|------------------------------|--------------------|-----------------------------|---------|----------|--------------|---------------|
|                         |                      |           |                              |                    | SH/PUT/SOLE<br>PRN CALL (A) | SHR (B) | OTHR (C) |              |               |
| DEVRY INC DEL           | COM                  | 251893103 | 244                          | 8,312SH            | X                           |         |          | 01           |               |
| DIAGEO P L C            | SPON ADR NEW         | 25243Q205 | 669                          | 8,270SH            | X                           |         |          | 01           |               |
| DIAGEO P L C            | SPON ADR NEW         | 25243Q205 | 155                          | 1,917SH            |                             |         | X        | 01           |               |
| DIAMONDS TR             | UNIT SER 1           | 252787106 | 2,434                        | 19,698SH           | X                           |         |          | 01           |               |
| DIAMONDS TR             | UNIT SER 1           | 252787106 | 1,734                        | 14,028SH           |                             |         | X        | 01           |               |
| DIGITAL RIV INC         | COM                  | 25388B104 | 3,192                        | 57,765SH           | X                           |         |          | 01           |               |
| DIGITAL RIV INC         | COM                  | 25388B104 | 21                           | 385SH              |                             |         | X        | 01           |               |
| DILLARDS INC            | CL A                 | 254067101 | 500                          | 15,281SH           | X                           |         |          | 01           |               |
| DIRECTV GROUP INC       | COM                  | 25459L106 | 483                          | 20,924SH           | X                           |         |          | 01           |               |
| DIRECTV GROUP INC       | COM                  | 25459L106 | 134                          | 5,821SH            |                             |         | X        | 01           |               |
| DISNEY WALT CO          | COM DISNEY           | 254687106 | 21,482                       | 623,926SH          | X                           |         |          | 01           |               |
| DISNEY WALT CO          | COM DISNEY           | 254687106 | 2,044                        | 59,379SH           |                             |         | X        | 01           |               |
| DOMINION RES INC VA NEW | COM                  | 25746U109 | 2,665                        | 30,021SH           | X                           |         |          | 01           |               |
| DOMINION RES INC VA NEW | COM                  | 25746U109 | 166                          | 1,870SH            |                             |         | X        | 01           |               |
| DONNELLEY R R & SONS CO | COM                  | 257867101 | 14,384                       | 393,119SH          | X                           |         |          | 01           |               |
| DONNELLEY R R & SONS CO | COM                  | 257867101 | 95                           | 2,595SH            |                             |         | X        | 01           |               |
| DOUBLE-TAKE SOFTWARE    | COM                  | 258598101 | 1,265                        | 93,650SH           | X                           |         |          | 01           |               |
| DOVER CORP              | COM                  | 260003108 | 217                          | 4,452SH            | X                           |         |          | 01           |               |
| DOVER CORP              | COM                  | 260003108 | 324                          | 6,642SH            |                             |         | X        | 01           |               |
| DOW CHEM CO             | COM                  | 260543103 | 15,381                       | 335,385SH          | X                           |         |          | 01           |               |
| DOW CHEM CO             | COM                  | 260543103 | 1,420                        | 30,962SH           |                             |         | X        | 01           |               |
| DOW JONES & CO INC      | COM                  | 260561105 | 1,238                        | 35,919SH           | X                           |         |          | 01           |               |
| DOW JONES & CO INC      | COM                  | 260561105 | 62                           | 1,810SH            |                             |         | X        | 01           |               |
| DRDGOLD LTD             | SPONSORED ADR        | 26152H103 | 9                            | 14,000SH           |                             |         | X        | 01           |               |
| DU PONT E I DE NEMOURS  | COM                  | 263534109 | 8,786                        | 177,752SH          | X                           |         |          | 01           |               |
| DU PONT E I DE NEMOURS  | COM                  | 263534109 | 1,285                        | 25,990SH           |                             |         | X        | 01           |               |
| DUKE ENERGY CORP NEW    | COM                  | 26441C105 | 3,351                        | 165,151SH          | X                           |         |          | 01           |               |
| DUKE ENERGY CORP NEW    | COM                  | 26441C105 | 202                          | 9,936SH            |                             |         | X        | 01           |               |
| DUKE REALTY CORP        | COM NEW              | 264411505 | 455                          | 10,472SH           | X                           |         |          | 01           |               |
| DUKE REALTY CORP        | COM NEW              | 264411505 | 54                           | 1,246SH            |                             |         | X        | 01           |               |
| DUN & BRADSTREET CORP   | COM                  | 26483E100 | 2,576                        | 28,242SH           | X                           |         |          | 01           |               |
| DYNEGY INC NEW          | CL A                 | 26816Q101 | 161                          | 17,392SH           | X                           |         |          | 01           |               |
| DYNEGY INC NEW          | CL A                 | 26816Q101 | 4                            | 451SH              |                             |         | X        | 01           |               |
| EGL INC                 | COM                  | 268484102 | 266                          | 6,717SH            | X                           |         |          | 01           |               |
| E M C CORP MASS         | COM                  | 268648102 | 4,464                        | 322,277SH          | X                           |         |          | 01           |               |
| E M C CORP MASS         | COM                  | 268648102 | 63                           | 4,559SH            |                             |         | X        | 01           |               |
| ENSCO INTL INC          | COM                  | 26874Q100 | 1,663                        | 30,570SH           | X                           |         |          | 01           |               |
| ENSCO INTL INC          | COM                  | 26874Q100 | 238                          | 4,366SH            |                             |         | X        | 01           |               |
| ENI S P A               | SPONSORED ADR        | 26874R108 | 11                           | 163SH              | X                           |         |          | 01           |               |
| ENI S P A               | SPONSORED ADR        | 26874R108 | 532                          | 8,211SH            |                             |         | X        | 01           |               |
| EOG RES INC             | COM                  | 26875P101 | 1,866                        | 26,163SH           | X                           |         |          | 01           |               |
| EOG RES INC             | COM                  | 26875P101 | 168                          | 2,354SH            |                             |         | X        | 01           |               |
| E TRADE FINANCIAL CORP  | COM                  | 269246104 | 624                          | 29,419SH           | X                           |         |          | 01           |               |
| E TRADE FINANCIAL CORP  | COM                  | 269246104 | 31                           | 1,477SH            |                             |         | X        | 01           |               |
| EASTMAN CHEM CO         | COM                  | 277432100 | 1,620                        | 25,578SH           | X                           |         |          | 01           |               |
| EASTMAN CHEM CO         | COM                  | 277432100 | 55                           | 875SH              |                             |         | X        | 01           |               |
| EASTMAN KODAK CO        | COM                  | 277461109 | 977                          | 43,324SH           | X                           |         |          | 01           |               |
| EASTMAN KODAK CO        | COM                  | 277461109 | 79                           | 3,484SH            |                             |         | X        | 01           |               |

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|                         |                |           |        |           |   |   |   |    |
|-------------------------|----------------|-----------|--------|-----------|---|---|---|----|
| EATON CORP              | COM            | 278058102 | 2,674  | 31,998SH  | X |   |   | 01 |
| EATON CORP              | COM            | 278058102 | 350    | 4,193SH   |   |   | X | 01 |
| EATON VANCE LTD DRTN    | COM            | 27828H105 | 276    | 15,000SH  | X |   |   | 01 |
| EATON VANCE LTD DRTN    | COM            | 27828H105 | 10     | 520SH     |   | X |   | 01 |
| EBAY INC                | COM            | 278642103 | 1,324  | 39,949SH  | X |   |   | 01 |
| EBAY INC                | COM            | 278642103 | 93     | 2,797SH   |   |   | X | 01 |
| ECHOSTAR COMMUNICATNS   | CL A           | 278762109 | 1,842  | 42,418SH  | X |   |   | 01 |
| ECHOSTAR COMMUNICATNS   | CL A           | 278762109 | 87     | 2,001SH   |   |   | X | 01 |
| ECOLAB INC              | COM            | 278865100 | 2,875  | 66,855SH  | X |   |   | 01 |
| ECOLAB INC              | COM            | 278865100 | 665    | 15,462SH  |   |   | X | 01 |
| EDISON INTL             | COM            | 281020107 | 14,481 | 294,746SH | X |   |   | 01 |
| EDISON INTL             | COM            | 281020107 | 113    | 2,291SH   |   |   | X | 01 |
| EDWARDS LIFESCIENCES    | COM            | 28176E108 | 951    | 18,756SH  | X |   |   | 01 |
| EDWARDS LIFESCIENCES    | COM            | 28176E108 | 35     | 700SH     |   |   | X | 01 |
| EDWARDS AG INC          | COM            | 281760108 | 3,500  | 50,587SH  | X |   |   | 01 |
| ELECTRONIC ARTS INC     | COM            | 285512109 | 9,119  | 181,086SH | X |   |   | 01 |
| ELECTRONIC ARTS INC     | COM            | 285512109 | 630    | 12,511SH  |   |   | X | 01 |
| ELECTRONIC DATA SYS NEW | COM            | 285661104 | 2,271  | 82,061SH  | X |   |   | 01 |
| ELECTRONIC DATA SYS NEW | COM            | 285661104 | 8      | 300SH     |   |   | X | 01 |
| ELECTRONICS FOR IMAGING | COM            | 286082102 | 7,606  | 324,359SH | X |   |   | 01 |
| ELECTRONICS FOR IMAGING | COM            | 286082102 | 14     | 600SH     |   |   | X | 01 |
| EMBARQ CORP             | COM            | 29078E105 | 15,024 | 266,615SH | X |   |   | 01 |
| EMBARQ CORP             | COM            | 29078E105 | 204    | 3,612SH   |   |   | X | 01 |
| EMERSON ELEC CO         | COM            | 291011104 | 12,991 | 301,491SH | X |   |   | 01 |
| EMERSON ELEC CO         | COM            | 291011104 | 4,816  | 111,760SH |   |   | X | 01 |
| EMPIRE DIST ELEC CO     | COM            | 291641108 | 1,202  | 48,484SH  | X |   |   | 01 |
| EMPIRE DIST ELEC CO     | COM            | 291641108 | 17     | 700SH     |   |   | X | 01 |
| ENBRIDGE ENERGY PRTNRS  | COM            | 29250R106 | 235    | 4,204SH   | X |   |   | 01 |
| ENCANA CORP             | COM            | 292505104 | 240    | 4,750SH   | X |   |   | 01 |
| ENCANA CORP             | COM            | 292505104 | 250    | 4,946SH   |   |   | X | 01 |
| ENDESA S A              | SPONSORED ADR  | 29258N107 | 4      | 70SH      | X |   |   | 01 |
| ENDESA S A              | SPONSORED ADR  | 29258N107 | 418    | 7,800SH   |   |   | X | 01 |
| ENERGEN CORP            | COM            | 29265N108 | 249    | 4,900SH   | X |   |   | 01 |
| ENERGEN CORP            | COM            | 29265N108 | 16     | 306SH     |   |   | X | 01 |
| ENEL SOCIETA PER AZIONI | ADR            | 29265W108 | 743    | 13,880SH  |   |   | X | 01 |
| ENERGY EAST CORP        | COM            | 29266M109 | 2,594  | 106,477SH | X |   |   | 01 |
| ENERGIZER HLDGS INC     | COM            | 29266R108 | 6,020  | 70,549SH  | X |   |   | 01 |
| ENERGIZER HLDGS INC     | COM            | 29266R108 | 3,881  | 45,479SH  |   |   | X | 01 |
| ENERGY TRANSFER PRTNRS  | UNIT LTD PARTN | 29273R109 | 135    | 2,318SH   | X |   |   | 01 |
| ENERGY TRANSFER PRTNRS  | UNIT LTD PARTN | 29273R109 | 128    | 2,200SH   |   |   | X | 01 |
| ENERPLUS RES FD         | UNIT TR G NEW  | 29274D604 | 66     | 1,560SH   | X |   |   | 01 |
| ENERPLUS RES FD         | UNIT TR G NEW  | 29274D604 | 190    | 4,500SH   |   |   | X | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

| NAME OF ISSUER  | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | SH/PUT/SOLE PRN CALL (A) | SHR OTHER (B) | OTHER (C) | OTHER MGRS |
|-----------------|----------------|-----------|------------------------|-----------------|--------------------------|---------------|-----------|------------|
| ENERGY CORP NEW | COM            | 29364G103 | 14,759                 | 140,668SH       | X                        |               |           | 01         |
| ENERGY CORP NEW | COM            | 29364G103 | 8                      | 77SH            |                          |               | X         | 01         |

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|                         |              |           |        |             |   |   |    |
|-------------------------|--------------|-----------|--------|-------------|---|---|----|
| EQUIFAX INC             | COM          | 294429105 | 652    | 17,898SH    | X |   | 01 |
| EQUIFAX INC             | COM          | 294429105 | 15     | 417SH       |   | X | 01 |
| EQUINIX INC             | COM NEW      | 29444U502 | 4,850  | 56,639SH    | X |   | 01 |
| EQUITY RESIDENTIAL      | SH BEN INT   | 29476L107 | 4,501  | 93,323SH    | X |   | 01 |
| EQUITY RESIDENTIAL      | SH BEN INT   | 29476L107 | 99     | 2,048SH     |   | X | 01 |
| ERICSSON L M TEL CO     | ADR B SEK 10 | 294821608 | 8,362  | 225,439SH   | X |   | 01 |
| ERICSSON L M TEL CO     | ADR B SEK 10 | 294821608 | 985    | 26,544SH    |   | X | 01 |
| ESSEX PPTY TR INC       | COM          | 297178105 | 1,513  | 11,684SH    | X |   | 01 |
| EXELON CORP             | COM          | 30161N101 | 3,448  | 50,182SH    | X |   | 01 |
| EXELON CORP             | COM          | 30161N101 | 323    | 4,702SH     |   | X | 01 |
| EXPEDITORS INTL WASH    | COM          | 302130109 | 1,013  | 24,515SH    | X |   | 01 |
| EXPEDITORS INTL WASH    | COM          | 302130109 | 55     | 1,325SH     |   | X | 01 |
| EXPRESS SCRIPTS INC     | COM          | 302182100 | 2,022  | 25,055SH    | X |   | 01 |
| EXPRESS SCRIPTS INC     | COM          | 302182100 | 24     | 303SH       |   | X | 01 |
| EXXON MOBIL CORP        | COM          | 30231G102 | 95,426 | 1,264,758SH | X |   | 01 |
| EXXON MOBIL CORP        | COM          | 30231G102 | 24,427 | 323,749SH   |   | X | 01 |
| FEI CO                  | COM          | 30241L109 | 1,927  | 53,438SH    | X |   | 01 |
| FNB CORP PA             | COM          | 302520101 | 649    | 38,538SH    | X |   | 01 |
| FPL GROUP INC           | COM          | 302571104 | 2,693  | 44,033SH    | X |   | 01 |
| FPL GROUP INC           | COM          | 302571104 | 745    | 12,181SH    |   | X | 01 |
| FTI CONSULTING INC      | COM          | 302941109 | 202    | 6,000SH     | X |   | 01 |
| FALCONSTOR SOFTWARE INC | COM          | 306137100 | 1,356  | 130,168SH   | X |   | 01 |
| FAMILY DLR STORES INC   | COM          | 307000109 | 505    | 17,065SH    | X |   | 01 |
| FAMILY DLR STORES INC   | COM          | 307000109 | 1      | 25SH        |   | X | 01 |
| FASTENAL CO             | COM          | 311900104 | 759    | 21,653SH    | X |   | 01 |
| FASTENAL CO             | COM          | 311900104 | 12     | 345SH       |   | X | 01 |
| FEDERAL HOME LN MTG     | COM          | 313400301 | 9,184  | 154,385SH   | X |   | 01 |
| FEDERAL HOME LN MTG     | COM          | 313400301 | 958    | 16,106SH    |   | X | 01 |
| FEDERAL NATL MTG ASSN   | COM          | 313586109 | 2,765  | 50,666SH    | X |   | 01 |
| FEDERAL NATL MTG ASSN   | COM          | 313586109 | 997    | 18,271SH    |   | X | 01 |
| FEDERAL SIGNAL CORP     | COM          | 313855108 | 1,159  | 74,699SH    | X |   | 01 |
| FEDERAL SIGNAL CORP     | COM          | 313855108 | 23     | 1,500SH     |   | X | 01 |
| FEDERATED DEPT STORES   | COM          | 31410H101 | 2,620  | 58,165SH    | X |   | 01 |
| FEDERATED DEPT STORES   | COM          | 31410H101 | 142    | 3,160SH     |   | X | 01 |
| FEDERATED INVS INC PA   | CL B         | 314211103 | 605    | 16,472SH    | X |   | 01 |
| FEDERATED INVS INC PA   | CL B         | 314211103 | 4      | 107SH       |   | X | 01 |
| FEDEX CORP              | COM          | 31428X106 | 2,163  | 20,133SH    | X |   | 01 |
| FEDEX CORP              | COM          | 31428X106 | 423    | 3,940SH     |   | X | 01 |
| FIBERTOWER CORP         | COM          | 31567R100 | 52     | 10,000SH    |   | X | 01 |
| FIDELITY NATL INFORMTN  | COM          | 31620M106 | 1,811  | 39,842SH    | X |   | 01 |
| FIDELITY NATIONAL FINCL | CL A         | 31620R105 | 923    | 38,459SH    | X |   | 01 |
| FIFTH THIRD BANCORP     | COM          | 316773100 | 6,606  | 170,741SH   | X |   | 01 |
| FIFTH THIRD BANCORP     | COM          | 316773100 | 448    | 11,572SH    |   | X | 01 |
| FIRST BUS FINL SVCS INC | COM          | 319390100 | 360    | 16,000SH    | X |   | 01 |
| FIRST CASH FINL SVCS    | COM          | 31942D107 | 2,399  | 107,657SH   | X |   | 01 |
| FIRST DATA CORP         | COM          | 319963104 | 1,521  | 56,545SH    | X |   | 01 |
| FIRST DATA CORP         | COM          | 319963104 | 68     | 2,511SH     |   | X | 01 |
| FIRST HORIZON NATL CORP | COM          | 320517105 | 5,115  | 123,167SH   | X |   | 01 |
| FIRST HORIZON NATL CORP | COM          | 320517105 | 118    | 2,852SH     |   | X | 01 |
| FIRST IND CORP          | COM          | 32054R108 | 94     | 4,282SH     | X |   | 01 |
| FIRST IND CORP          | COM          | 32054R108 | 401    | 18,361SH    |   | X | 01 |
| FIRST NIAGARA FINL GP   | COM          | 33582V108 | 173    | 12,404SH    | X |   | 01 |
| FIRST PL FINL CORP      | COM          | 33610T109 | 289    | 13,457SH    | X |   | 01 |
| FIRST SOLAR INC         | COM          | 336433107 | 2,421  | 46,548SH    | X |   | 01 |
| 1ST SOURCE CORP         | COM          | 336901103 | 178    | 6,788SH     | X |   | 01 |
| 1ST SOURCE CORP         | COM          | 336901103 | 1,077  | 41,163SH    |   | X | 01 |
| FISERV INC              | COM          | 337738108 | 15,001 | 282,724SH   | X |   | 01 |
| FISERV INC              | COM          | 337738108 | 498    | 9,389SH     |   | X | 01 |
| FIRSTENERGY CORP        | COM          | 337932107 | 2,469  | 37,272SH    | X |   | 01 |
| FIRSTENERGY CORP        | COM          | 337932107 | 13     | 199SH       |   | X | 01 |
| FIVE STAR QUALITY CARE  | COM          | 33832D106 | 2,252  | 219,067SH   | X |   | 01 |
| FLORIDA EAST COAST INDS | COM          | 340632108 | 251    | 4,000SH     | X |   | 01 |

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|                          |                |           |       |           |   |  |   |    |
|--------------------------|----------------|-----------|-------|-----------|---|--|---|----|
| FLUOR CORP NEW           | COM            | 343412102 | 2,377 | 26,490SH  | X |  |   | 01 |
| FLUOR CORP NEW           | COM            | 343412102 | 8     | 88SH      |   |  | X | 01 |
| FORD MTR CO DEL          | COM PAR \$0.01 | 345370860 | 1,154 | 146,259SH | X |  |   | 01 |
| FORD MTR CO DEL          | COM PAR \$0.01 | 345370860 | 244   | 30,984SH  |   |  | X | 01 |
| FOREST LABS INC          | COM            | 345838106 | 662   | 12,871SH  | X |  |   | 01 |
| FOREST LABS INC          | COM            | 345838106 | 572   | 11,117SH  |   |  | X | 01 |
| FORTUNE BRANDS INC       | COM            | 349631101 | 2,099 | 26,624SH  | X |  |   | 01 |
| FORTUNE BRANDS INC       | COM            | 349631101 | 1,273 | 16,154SH  |   |  | X | 01 |
| FRANCE TELECOM           | SPONSORED ADR  | 35177Q105 | 205   | 7,775SH   | X |  |   | 01 |
| FRANCE TELECOM           | SPONSORED ADR  | 35177Q105 | 107   | 4,050SH   |   |  | X | 01 |
| FRANKLIN RES INC         | COM            | 354613101 | 4,110 | 34,012SH  | X |  |   | 01 |
| FRANKLIN RES INC         | COM            | 354613101 | 26    | 215SH     |   |  | X | 01 |
| FRANKLIN TEMPLETON LTD   | COM            | 35472T101 | 157   | 11,000SH  | X |  |   | 01 |
| FREEMPORT-MCMORAN COPPER | COM            | 35671D857 | 7,363 | 111,240SH | X |  |   | 01 |
| FREEMPORT-MCMORAN COPPER | COM            | 35671D857 | 67    | 1,017SH   |   |  | X | 01 |
| FUJIFILM HLDGS CORP      | ADR 2 ORD      | 35958N107 | 108   | 2,655SH   | X |  |   | 01 |
| FUJIFILM HLDGS CORP      | ADR 2 ORD      | 35958N107 | 803   | 19,660SH  |   |  | X | 01 |
| FURNITURE BRANDS INTL    | COM            | 360921100 | 9,215 | 583,997SH | X |  |   | 01 |
| GATX CORP                | COM            | 361448103 | 1,644 | 34,403SH  | X |  |   | 01 |
| GEO GROUP INC            | COM            | 36159R103 | 213   | 4,701SH   | X |  |   | 01 |
| GFI GROUP INC            | COM            | 361652209 | 3,437 | 50,564SH  | X |  |   | 01 |
| GALLAGHER ARTHUR J & CO  | COM            | 363576109 | 128   | 4,532SH   | X |  |   | 01 |
| GALLAGHER ARTHUR J & CO  | COM            | 363576109 | 90    | 3,165SH   |   |  | X | 01 |
| GALLAHER GROUP PLC       | SPONSORED ADR  | 363595109 | 622   | 6,967SH   | X |  |   | 01 |
| GALLAHER GROUP PLC       | SPONSORED ADR  | 363595109 | 835   | 9,360SH   |   |  | X | 01 |
| GAMESTOP CORP NEW        | CL A           | 36467W109 | 5,745 | 176,377SH | X |  |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER        | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |         |          |           |
|-----------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|----------|-----------|
|                       |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTHR (C) | OTHR MGRS |
| GANNETT INC           | COM            | 364730101 | 3,402                  | 60,442SH        | X                        |         |          | 01        |
| GANNETT INC           | COM            | 364730101 | 146                    | 2,597SH         |                          |         | X        | 01        |
| GAP INC DEL           | COM            | 364760108 | 836                    | 48,605SH        | X                        |         |          | 01        |
| GAP INC DEL           | COM            | 364760108 | 33                     | 1,904SH         |                          |         | X        | 01        |
| GARTNER INC           | COM            | 366651107 | 1,679                  | 70,085SH        | X                        |         |          | 01        |
| GEHL CO               | COM            | 368483103 | 609                    | 24,000SH        |                          |         | X        | 01        |
| GENENTECH INC         | COM NEW        | 368710406 | 9,354                  | 113,902SH       | X                        |         |          | 01        |
| GENENTECH INC         | COM NEW        | 368710406 | 1,824                  | 22,213SH        |                          |         | X        | 01        |
| GENERAL CABLE CORP    | COM            | 369300108 | 345                    | 6,460SH         | X                        |         |          | 01        |
| GENERAL COMMUNICATION | CL A           | 369385109 | 302                    | 21,597SH        | X                        |         |          | 01        |
| GENERAL DYNAMICS CORP | COM            | 369550108 | 5,272                  | 69,009SH        | X                        |         |          | 01        |
| GENERAL DYNAMICS CORP | COM            | 369550108 | 188                    | 2,458SH         |                          |         | X        | 01        |
| GENERAL ELECTRIC CO   | COM            | 369604103 | 89,612                 | 2,534,278SH     | X                        |         |          | 01        |
| GENERAL ELECTRIC CO   | COM            | 369604103 | 20,287                 | 573,725SH       |                          |         | X        | 01        |
| GENERAL MLS INC       | COM            | 370334104 | 6,834                  | 117,378SH       | X                        |         |          | 01        |
| GENERAL MLS INC       | COM            | 370334104 | 1,045                  | 17,943SH        |                          |         | X        | 01        |
| GENERAL MTRS CORP     | COM            | 370442105 | 1,635                  | 53,364SH        | X                        |         |          | 01        |
| GENERAL MTRS CORP     | COM            | 370442105 | 105                    | 3,432SH         |                          |         | X        | 01        |



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|                                 |                |           |        |           |   |   |    |
|---------------------------------|----------------|-----------|--------|-----------|---|---|----|
| GENUINE PARTS CO                | COM            | 372460105 | 2,815  | 57,439SH  | X |   | 01 |
| GENUINE PARTS CO                | COM            | 372460105 | 167    | 3,408SH   |   | X | 01 |
| GENWORTH FINL INC               | COM CL A       | 37247D106 | 377    | 10,793SH  | X |   | 01 |
| GENWORTH FINL INC               | COM CL A       | 37247D106 | 125    | 3,574SH   |   | X | 01 |
| GENZYME CORP                    | COM            | 372917104 | 2,966  | 49,416SH  | X |   | 01 |
| GENZYME CORP                    | COM            | 372917104 | 171    | 2,848SH   |   | X | 01 |
| GILEAD SCIENCES INC             | COM            | 375558103 | 11,355 | 148,136SH | X |   | 01 |
| GILEAD SCIENCES INC             | COM            | 375558103 | 494    | 6,450SH   |   | X | 01 |
| GLAXOSMITHKLINE PLC             | SPONSORED ADR  | 37733W105 | 2,955  | 53,466SH  | X |   | 01 |
| GLAXOSMITHKLINE PLC             | SPONSORED ADR  | 37733W105 | 858    | 15,518SH  |   | X | 01 |
| GLOBAL IMAGING SYSTEMS          | COM            | 37934A100 | 237    | 12,134SH  | X |   | 01 |
| GOLD FIELDS LTD NEW             | SPONSORED ADR  | 38059T106 | 277    | 15,000SH  | X |   | 01 |
| GOLD FIELDS LTD NEW             | SPONSORED ADR  | 38059T106 | 176    | 9,505SH   |   | X | 01 |
| GOLDMAN SACHS GROUP INC         | COM            | 38141G104 | 28,375 | 137,322SH | X |   | 01 |
| GOLDMAN SACHS GROUP INC         | COM            | 38141G104 | 2,891  | 13,993SH  |   | X | 01 |
| GOODRICH CORP                   | COM            | 382388106 | 1,197  | 23,246SH  | X |   | 01 |
| GOODRICH CORP                   | COM            | 382388106 | 0      | 9SH       |   | X | 01 |
| GOODYEAR TIRE & RUBR CO         | COM            | 382550101 | 298    | 9,544SH   | X |   | 01 |
| GOODYEAR TIRE & RUBR CO         | COM            | 382550101 | 1      | 20SH      |   | X | 01 |
| GOOGLE INC                      | CL A           | 38259P508 | 9,050  | 19,754SH  | X |   | 01 |
| GOOGLE INC                      | CL A           | 38259P508 | 688    | 1,501SH   |   | X | 01 |
| GRAINGER W W INC                | COM            | 384802104 | 1,181  | 15,290SH  | X |   | 01 |
| GRAINGER W W INC                | COM            | 384802104 | 139    | 1,805SH   |   | X | 01 |
| GRANT PRIDECO INC               | COM            | 38821G101 | 6,111  | 122,614SH | X |   | 01 |
| GREAT PLAINS ENERGY INC         | COM            | 391164100 | 1,783  | 54,938SH  | X |   | 01 |
| GREAT PLAINS ENERGY INC         | COM            | 391164100 | 31     | 950SH     |   | X | 01 |
| GREATER BAY BANCORP             | COM            | 391648102 | 154    | 5,723SH   | X |   | 01 |
| GREATER BAY BANCORP             | COM            | 391648102 | 269    | 10,000SH  |   | X | 01 |
| GREENFIELD ONLINE INC           | COM            | 395150105 | 2,248  | 141,413SH | X |   | 01 |
| HMS HLDGS CORP                  | COM            | 40425J101 | 2,878  | 131,395SH | X |   | 01 |
| HSBC HLDGS PLC                  | SPON ADR NEW   | 404280406 | 681    | 7,755SH   | X |   | 01 |
| HSBC HLDGS PLC                  | SPON ADR NEW   | 404280406 | 1,004  | 11,435SH  |   | X | 01 |
| HALLIBURTON CO                  | COM            | 406216101 | 1,926  | 60,677SH  | X |   | 01 |
| HALLIBURTON CO                  | COM            | 406216101 | 346    | 10,895SH  |   | X | 01 |
| HANESBRANDS INC                 | COM            | 410345102 | 190    | 6,477SH   | X |   | 01 |
| HANESBRANDS INC                 | COM            | 410345102 | 59     | 2,002SH   |   | X | 01 |
| HARLEY DAVIDSON INC             | COM            | 412822108 | 6,067  | 103,260SH | X |   | 01 |
| HARLEY DAVIDSON INC             | COM            | 412822108 | 1,562  | 26,583SH  |   | X | 01 |
| HARMAN INTL INDS INC            | COM            | 413086109 | 394    | 4,096SH   | X |   | 01 |
| HARMAN INTL INDS INC            | COM            | 413086109 | 4      | 45SH      |   | X | 01 |
| HARRAHS ENTMT INC               | COM            | 413619107 | 233    | 2,759SH   | X |   | 01 |
| HARRAHS ENTMT INC               | COM            | 413619107 | 286    | 3,381SH   |   | X | 01 |
| HARRIS CORP DEL                 | COM            | 413875105 | 1,564  | 30,688SH  | X |   | 01 |
| HARRIS CORP DEL                 | COM            | 413875105 | 33     | 650SH     |   | X | 01 |
| HARSCO CORP                     | COM            | 415864107 | 1,986  | 44,262SH  | X |   | 01 |
| HARSCO CORP                     | COM            | 415864107 | 25     | 568SH     |   | X | 01 |
| HARTE-HANKS INC                 | COM            | 416196103 | 10,502 | 380,641SH | X |   | 01 |
| HARTFORD FINL SVCS GRP          | COM            | 416515104 | 10,544 | 110,315SH | X |   | 01 |
| HARTFORD FINL SVCS GRP          | COM            | 416515104 | 968    | 10,127SH  |   | X | 01 |
| HASBRO INC                      | COM            | 418056107 | 248    | 8,651SH   | X |   | 01 |
| HASBRO INC                      | COM            | 418056107 | 18     | 613SH     |   | X | 01 |
| HAWAIIAN ELEC INDUSTRS          | COM            | 419870100 | 264    | 10,142SH  | X |   | 01 |
| HEAD N V                        | NY REGISTRY SH | 422070102 | 353    | 86,595SH  | X |   | 01 |
| HEAD N V                        | NY REGISTRY SH | 422070102 | 4      | 1,000SH   |   | X | 01 |
| HEALTH NET INC                  | COM            | 42222G108 | 10,402 | 193,307SH | X |   | 01 |
| HEALTH NET INC                  | COM            | 42222G108 | 45     | 840SH     |   | X | 01 |
| HEARTLAND FINL USA INC          | COM            | 42234Q102 | 255    | 9,529SH   | X |   | 01 |
| HEINZ H J CO                    | COM            | 423074103 | 4,580  | 97,192SH  | X |   | 01 |
| HEINZ H J CO                    | COM            | 423074103 | 637    | 13,520SH  |   | X | 01 |
| HELIX ENERGY SOLUTIONS<br>GRP I | COM            | 42330P107 | 276    | 7,410SH   | X |   | 01 |
| HENRY JACK & ASSOC INC          | COM            | 42330P107 | 2      | 43SH      |   | X | 01 |
| HENRY JACK & ASSOC INC          | COM            | 426281101 | 29     | 1,196SH   | X |   | 01 |

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|                        |     |           |        |           |  |   |   |    |
|------------------------|-----|-----------|--------|-----------|--|---|---|----|
| HENRY JACK & ASSOC INC | COM | 426281101 | 337    | 14,000SH  |  |   | X | 01 |
| HERCULES INC           | COM | 427056106 | 1,433  | 73,345SH  |  | X |   | 01 |
| HERCULES INC           | COM | 427056106 | 10     | 502SH     |  |   | X | 01 |
| HERSHEY CO             | COM | 427866108 | 2,132  | 39,003SH  |  | X |   | 01 |
| HERSHEY CO             | COM | 427866108 | 399    | 7,305SH   |  |   | X | 01 |
| HESS CORP              | COM | 42809H107 | 12,654 | 228,132SH |  | X |   | 01 |
| HESS CORP              | COM | 42809H107 | 16     | 290SH     |  |   | X | 01 |
| HEWLETT PACKARD CO     | COM | 428236103 | 18,991 | 473,124SH |  | X |   | 01 |
| HEWLETT PACKARD CO     | COM | 428236103 | 2,268  | 56,490SH  |  |   | X | 01 |
| HILB ROGAL & HOBBS CO  | COM | 431294107 | 345    | 7,035SH   |  | X |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN

| NAME OF ISSUER        | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION   |         |          |           |    |
|-----------------------|----------------|-----------|------------------------|-----------------|-------------------------|---------|----------|-----------|----|
|                       |                |           |                        |                 | SH/PUT/SOLE PRN CALL(A) | SHR (B) | OTHR (C) | OTHR MGRS |    |
| HILLENBRAND INDS INC  | COM            | 431573104 | 781                    | 13,148SH        | X                       |         |          |           | 01 |
| HILLENBRAND INDS INC  | COM            | 431573104 | 6                      | 100SH           |                         |         | X        |           | 01 |
| HILTON HOTELS CORP    | COM            | 432848109 | 2,736                  | 76,085SH        | X                       |         |          |           | 01 |
| HILTON HOTELS CORP    | COM            | 432848109 | 72                     | 1,996SH         |                         |         | X        |           | 01 |
| HITACHI LIMITED       | ADR 10 COM     | 433578507 | 270                    | 3,499SH         | X                       |         |          |           | 01 |
| HOLOGIC INC           | COM            | 436440101 | 4,080                  | 70,792SH        | X                       |         |          |           | 01 |
| HOLOGIC INC           | COM            | 436440101 | 20                     | 350SH           |                         |         | X        |           | 01 |
| HOME DEPOT INC        | COM            | 437076102 | 11,237                 | 305,843SH       | X                       |         |          |           | 01 |
| HOME DEPOT INC        | COM            | 437076102 | 672                    | 18,293SH        |                         |         | X        |           | 01 |
| HONDA MOTOR LTD       | AMERN SHS      | 438128308 | 323                    | 9,264SH         | X                       |         |          |           | 01 |
| HONDA MOTOR LTD       | AMERN SHS      | 438128308 | 15                     | 434SH           |                         |         | X        |           | 01 |
| HONEYWELL INTL INC    | COM            | 438516106 | 6,289                  | 136,537SH       | X                       |         |          |           | 01 |
| HONEYWELL INTL INC    | COM            | 438516106 | 622                    | 13,513SH        |                         |         | X        |           | 01 |
| HORACE MANN EDUCATORS | COM            | 440327104 | 69                     | 3,366SH         | X                       |         |          |           | 01 |
| HORACE MANN EDUCATORS | COM            | 440327104 | 133                    | 6,495SH         |                         |         | X        |           | 01 |
| HOSPIRA INC           | COM            | 441060100 | 2,582                  | 63,124SH        | X                       |         |          |           | 01 |
| HOSPIRA INC           | COM            | 441060100 | 131                    | 3,215SH         |                         |         | X        |           | 01 |
| HOST HOTELS & RESORTS | COM            | 44107P104 | 196                    | 7,464SH         | X                       |         |          |           | 01 |
| HOST HOTELS & RESORTS | COM            | 44107P104 | 13                     | 480SH           |                         |         | X        |           | 01 |
| HOUSTON EXPL CO       | COM            | 442120101 | 407                    | 7,551SH         | X                       |         |          |           | 01 |
| HUB GROUP INC         | CL A           | 443320106 | 1,268                  | 43,753SH        | X                       |         |          |           | 01 |
| HUMANA INC            | COM            | 444859102 | 1,331                  | 22,943SH        | X                       |         |          |           | 01 |
| HUMANA INC            | COM            | 444859102 | 60                     | 1,041SH         |                         |         | X        |           | 01 |
| HUNT J B TRANS SVCS   | COM            | 445658107 | 8,445                  | 321,834SH       | X                       |         |          |           | 01 |
| HUNTINGTON BANCSHARES | COM            | 446150104 | 7,831                  | 358,401SH       | X                       |         |          |           | 01 |
| HUNTINGTON BANCSHARES | COM            | 446150104 | 96                     | 4,385SH         |                         |         | X        |           | 01 |
| HURCO COMPANIES INC   | COM            | 447324104 | 300                    | 7,000SH         | X                       |         |          |           | 01 |
| IMS HEALTH INC        | COM            | 449934108 | 13,064                 | 440,463SH       | X                       |         |          |           | 01 |
| IMS HEALTH INC        | COM            | 449934108 | 98                     | 3,288SH         |                         |         | X        |           | 01 |
| ISTAR FINL INC        | COM            | 45031U101 | 830                    | 17,725SH        | X                       |         |          |           | 01 |
| ITT EDUCATIONAL SRVCS | COM            | 45068B109 | 458                    | 5,620SH         | X                       |         |          |           | 01 |
| ITT CORP NEW          | COM            | 450911102 | 15,200                 | 251,997SH       | X                       |         |          |           | 01 |
| ITT CORP NEW          | COM            | 450911102 | 156                    | 2,592SH         |                         |         | X        |           | 01 |
| ICON PUB LTD CO       | SPONSORED ADR  | 45103T107 | 2,794                  | 65,581SH        | X                       |         |          |           | 01 |

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|                         |                |           |        |           |   |   |    |
|-------------------------|----------------|-----------|--------|-----------|---|---|----|
| ICONIX BRAND GROUP INC  | COM            | 451055107 | 2,612  | 128,048SH | X |   | 01 |
| IDEARC INC              | COM            | 451663108 | 158    | 4,500SH   | X |   | 01 |
| IDEARC INC              | COM            | 451663108 | 67     | 1,897SH   |   | X | 01 |
| ILLINOIS TOOL WKS INC   | COM            | 452308109 | 6,599  | 127,897SH | X |   | 01 |
| ILLINOIS TOOL WKS INC   | COM            | 452308109 | 2,178  | 42,203SH  |   | X | 01 |
| ING GROEP N V           | SPONSORED ADR  | 456837103 | 224    | 5,290SH   | X |   | 01 |
| ING GROEP N V           | SPONSORED ADR  | 456837103 | 674    | 15,927SH  |   | X | 01 |
| INGLES MKTS INC         | CL A           | 457030104 | 1,477  | 36,173SH  | X |   | 01 |
| INGRAM MICRO INC        | CL A           | 457153104 | 3,648  | 188,921SH | X |   | 01 |
| INSITUFORM TECHNOLOGIES | CL A           | 457667103 | 635    | 30,556SH  | X |   | 01 |
| INSITUFORM TECHNOLOGIES | CL A           | 457667103 | 2      | 100SH     |   | X | 01 |
| INPHONIC INC            | COM            | 45772G105 | 1,289  | 118,270SH | X |   | 01 |
| INPHONIC INC            | COM            | 45772G105 | 25     | 2,320SH   |   | X | 01 |
| INTEL CORP              | COM            | 458140100 | 16,151 | 844,264SH | X |   | 01 |
| INTEL CORP              | COM            | 458140100 | 2,642  | 138,106SH |   | X | 01 |
| INTEGRYS ENERGY GROUP   | COM            | 45822P105 | 2,236  | 40,275SH  | X |   | 01 |
| INTEGRYS ENERGY GROUP   | COM            | 45822P105 | 440    | 7,923SH   |   | X | 01 |
| INTERCONTINENTALEXCHNG  | COM            | 45865V100 | 2,229  | 18,243SH  | X |   | 01 |
| INTERCONTINENTALEXCHNG  | COM            | 45865V100 | 22     | 181SH     |   | X | 01 |
| INTERNAP NETWORK SVCS   | COM PAR \$.001 | 45885A300 | 1,966  | 124,855SH | X |   | 01 |
| INTERNATNL BSNS MACHS   | COM            | 459200101 | 36,967 | 392,179SH | X |   | 01 |
| INTERNATNL BSNS MACHS   | COM            | 459200101 | 4,805  | 50,977SH  |   | X | 01 |
| INTERNATIONAL GAME TECH | COM            | 459902102 | 2,492  | 61,718SH  | X |   | 01 |
| INTERNATIONAL GAME TECH | COM            | 459902102 | 100    | 2,487SH   |   | X | 01 |
| INTL PAPER CO           | COM            | 460146103 | 3,194  | 87,740SH  | X |   | 01 |
| INTL PAPER CO           | COM            | 460146103 | 425    | 11,667SH  |   | X | 01 |
| INTERSIL CORP           | CL A           | 46069S109 | 3,565  | 134,581SH | X |   | 01 |
| INTERPUBLIC GROUP COS   | COM            | 460690100 | 8,354  | 678,647SH | X |   | 01 |
| INTERPUBLIC GROUP COS   | COM            | 460690100 | 0      | 1SH       |   | X | 01 |
| INTEROIL CORP           | COM            | 460951106 | 2,532  | 95,184SH  | X |   | 01 |
| INVERNESS MED INNVVNS   | COM            | 46126P106 | 4,894  | 111,781SH | X |   | 01 |
| IPASS INC               | COM            | 46261V108 | 539    | 107,175SH | X |   | 01 |
| IRELAND BK              | SPONSORED ADR  | 46267Q103 | 217    | 2,510SH   | X |   | 01 |
| ISHARES INC             | MSCI SINGAPORE | 464286673 | 1,164  | 94,094SH  | X |   | 01 |
| ISHARES INC             | MSCI JAPAN     | 464286848 | 667    | 45,803SH  | X |   | 01 |
| ISHARES TR              | LRGE GRW INDX  | 464287119 | 1,053  | 16,216SH  | X |   | 01 |
| ISHARES TR              | DJ SEL DIV INX | 464287168 | 19,945 | 279,140SH | X |   | 01 |
| ISHARES TR              | DJ SEL DIV INX | 464287168 | 648    | 9,075SH   |   | X | 01 |
| ISHARES TR              | US TIPS BD FD  | 464287176 | 339    | 3,360SH   | X |   | 01 |
| ISHARES TR              | US TIPS BD FD  | 464287176 | 10     | 100SH     |   | X | 01 |
| ISHARES TR              | FTSE XNHUA IDX | 464287184 | 1,134  | 11,071SH  | X |   | 01 |
| ISHARES TR              | FTSE XNHUA IDX | 464287184 | 130    | 1,266SH   |   | X | 01 |
| ISHARES TR              | S&P 500 INDEX  | 464287200 | 28,027 | 196,900SH | X |   | 01 |
| ISHARES TR              | S&P 500 INDEX  | 464287200 | 910    | 6,395SH   |   | X | 01 |
| ISHARES TR              | LEHMAN AGG BND | 464287226 | 909    | 9,064SH   | X |   | 01 |
| ISHARES TR              | MSCI EMERG MKT | 464287234 | 9,217  | 79,119SH  | X |   | 01 |
| ISHARES TR              | MSCI EMERG MKT | 464287234 | 2,564  | 22,005SH  |   | X | 01 |
| ISHARES TR              | IBOXX INV CPBD | 464287242 | 4,500  | 41,950SH  | X |   | 01 |
| ISHARES TR              | IBOXX INV CPBD | 464287242 | 262    | 2,440SH   |   | X | 01 |
| ISHARES TR              | S&P500 GRW     | 464287309 | 4,418  | 68,361SH  | X |   | 01 |
| ISHARES TR              | S&P500 GRW     | 464287309 | 101    | 1,570SH   |   | X | 01 |
| ISHARES TR              | S&P 500 VALUE  | 464287408 | 3,905  | 50,327SH  | X |   | 01 |
| ISHARES TR              | S&P 500 VALUE  | 464287408 | 504    | 6,489SH   |   | X | 01 |
| ISHARES TR              | 7-10 YR TRS BD | 464287440 | 316    | 3,800SH   | X |   | 01 |
| ISHARES TR              | 1-3 YR TRS BD  | 464287457 | 266    | 3,307SH   | X |   | 01 |
| ISHARES TR              | MSCI EAFE IDX  | 464287465 | 44,305 | 580,978SH | X |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
 SECURITIES AND EXCHANGE COMMISSION FORM 13F  
 ASSETS AS OF 03/31/2007

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUM

| NAME OF ISSUER | TITLE OF CLASS   | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |              |          |           |
|----------------|------------------|-----------|------------------------|-----------------|--------------------------|--------------|----------|-----------|
|                |                  |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR OTHR (B) | OTHR (C) | OTHR MGRS |
| ISHARES TR     | MSCI EAFE IDX    | 464287465 | 6,075                  | 79,657SH        |                          |              | X        | 01        |
| ISHARES TR     | RUSSELL MCP VL   | 464287473 | 5,158                  | 33,674SH        | X                        |              |          | 01        |
| ISHARES TR     | RUSSELL MCP VL   | 464287473 | 442                    | 2,886SH         |                          |              | X        | 01        |
| ISHARES TR     | RUSSELL MCP GR   | 464287481 | 2,079                  | 19,408SH        | X                        |              |          | 01        |
| ISHARES TR     | RUSSELL MIDCAP   | 464287499 | 2,385                  | 22,890SH        | X                        |              |          | 01        |
| ISHARES TR     | S&P MIDCAP 400   | 464287507 | 15,088                 | 178,343SH       | X                        |              |          | 01        |
| ISHARES TR     | S&P MIDCAP 400   | 464287507 | 2,478                  | 29,293SH        |                          |              | X        | 01        |
| ISHARES TR     | GLDM SCHS NETW   | 464287531 | 285                    | 8,905SH         | X                        |              |          | 01        |
| ISHARES TR     | COHEN&ST RLTY    | 464287564 | 1,206                  | 11,684SH        | X                        |              |          | 01        |
| ISHARES TR     | RUSSELL1000VAL   | 464287598 | 852                    | 10,244SH        | X                        |              |          | 01        |
| ISHARES TR     | S&P MC 400 GRW   | 464287606 | 1,365                  | 16,222SH        | X                        |              |          | 01        |
| ISHARES TR     | RUSSELL1000GRW   | 464287614 | 1,723                  | 30,963SH        | X                        |              |          | 01        |
| ISHARES TR     | RUSSELL 1000     | 464287622 | 731                    | 9,447SH         | X                        |              |          | 01        |
| ISHARES TR     | RUSL 2000 VALU   | 464287630 | 6,802                  | 83,999SH        | X                        |              |          | 01        |
| ISHARES TR     | RUSL 2000 VALU   | 464287630 | 470                    | 5,800SH         |                          |              | X        | 01        |
| ISHARES TR     | RUSL 2000 GROW   | 464287648 | 836                    | 10,436SH        | X                        |              |          | 01        |
| ISHARES TR     | RUSL 2000 GROW   | 464287648 | 42                     | 523SH           |                          |              | X        | 01        |
| ISHARES TR     | RUSSELL 2000     | 464287655 | 14,179                 | 178,329SH       | X                        |              |          | 01        |
| ISHARES TR     | RUSSELL 2000     | 464287655 | 1,372                  | 17,250SH        |                          |              | X        | 01        |
| ISHARES TR     | RUSSELL 3000     | 464287689 | 335                    | 4,057SH         | X                        |              |          | 01        |
| ISHARES TR     | S&P MIDCP VALU   | 464287705 | 13,943                 | 166,917SH       | X                        |              |          | 01        |
| ISHARES TR     | S&P MIDCP VALU   | 464287705 | 4,832                  | 57,852SH        |                          |              | X        | 01        |
| ISHARES TR     | DJ US TELECOMM   | 464287713 | 347                    | 11,160SH        | X                        |              |          | 01        |
| ISHARES TR     | DJ US TECH SEC   | 464287721 | 2,213                  | 41,011SH        | X                        |              |          | 01        |
| ISHARES TR     | DJ US TECH SEC   | 464287721 | 87                     | 1,615SH         |                          |              | X        | 01        |
| ISHARES TR     | DJ US REAL EST   | 464287739 | 523                    | 6,140SH         | X                        |              |          | 01        |
| ISHARES TR     | DJ US REAL EST   | 464287739 | 341                    | 4,000SH         |                          |              | X        | 01        |
| ISHARES TR     | DJ US INDUSTRIAL | 464287754 | 928                    | 13,887SH        | X                        |              |          | 01        |
| ISHARES TR     | DJ US HEALTHCR   | 464287762 | 1,733                  | 25,978SH        | X                        |              |          | 01        |
| ISHARES TR     | DJ US HEALTHCR   | 464287762 | 64                     | 960SH           |                          |              | X        | 01        |
| ISHARES TR     | DJ US FINL SVC   | 464287770 | 456                    | 3,565SH         | X                        |              |          | 01        |
| ISHARES TR     | DJ US FINL SEC   | 464287788 | 258                    | 2,265SH         | X                        |              |          | 01        |
| ISHARES TR     | DJ US ENERGY     | 464287796 | 907                    | 8,688SH         | X                        |              |          | 01        |
| ISHARES TR     | S&P SMLCAP 600   | 464287804 | 2,822                  | 41,549SH        | X                        |              |          | 01        |
| ISHARES TR     | S&P SMLCAP 600   | 464287804 | 1,462                  | 21,530SH        |                          |              | X        | 01        |
| ISHARES TR     | S&P EURO PLUS    | 464287861 | 508                    | 4,693SH         | X                        |              |          | 01        |
| ISHARES TR     | S&P SMLCP VALU   | 464287879 | 6,462                  | 84,238SH        | X                        |              |          | 01        |
| ISHARES TR     | S&P SMLCP VALU   | 464287879 | 703                    | 9,158SH         |                          |              | X        | 01        |
| ISHARES TR     | LARGE VAL INDX   | 464288109 | 2,548                  | 30,409SH        | X                        |              |          | 01        |
| ISHARES TR     | MID CORE INDEX   | 464288208 | 687                    | 8,057SH         | X                        |              |          | 01        |
| ISHARES TR     | MID GRWTH INDX   | 464288307 | 998                    | 11,290SH        | X                        |              |          | 01        |
| ISHARES TR     | MID VAL INDEX    | 464288406 | 2,669                  | 29,981SH        | X                        |              |          | 01        |
| ISHARES TR     | MID VAL INDEX    | 464288406 | 234                    | 2,625SH         |                          |              | X        | 01        |
| ISHARES TR     | SMLL CORE INDX   | 464288505 | 721                    | 8,188SH         | X                        |              |          | 01        |
| ISHARES TR     | SMLL GRWTH INDX  | 464288604 | 562                    | 7,338SH         | X                        |              |          | 01        |
| ISHARES TR     | SMLL VAL INDX    | 464288703 | 7,493                  | 89,912SH        | X                        |              |          | 01        |
| ISHARES TR     | MSCI VAL IDX     | 464288877 | 1,749                  | 23,588SH        | X                        |              |          | 01        |
| ISHARES TR     | MSCI VAL IDX     | 464288877 | 22                     | 300SH           |                          |              | X        | 01        |
| ISHARES TR     | MSCI GRW INDX    | 464288885 | 277                    | 3,873SH         | X                        |              |          | 01        |
| ISHARES TR     | MSCI GRW INDX    | 464288885 | 53                     | 742SH           |                          |              | X        | 01        |

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|                         |               |           |        |             |  |   |   |    |
|-------------------------|---------------|-----------|--------|-------------|--|---|---|----|
| IVANHOE MINES LTD       | COM           | 46579N103 | 273    | 23,762SH    |  |   | X | 01 |
| JA SOLAR HOLDINGS CO    | SPON ADR      | 466090107 | 1,614  | 89,214SH    |  | X |   | 01 |
| JP MORGAN CHASE & CO    | COM           | 46625H100 | 49,372 | 1,020,500SH |  | X |   | 01 |
| JP MORGAN CHASE & CO    | COM           | 46625H100 | 11,541 | 238,547SH   |  |   | X | 01 |
| JABIL CIRCUIT INC       | COM           | 466313103 | 3,159  | 147,570SH   |  | X |   | 01 |
| JABIL CIRCUIT INC       | COM           | 466313103 | 3      | 119SH       |  |   | X | 01 |
| JACOBS ENGR GROUP INC   | COM           | 469814107 | 1,976  | 42,368SH    |  | X |   | 01 |
| JACOBS ENGR GROUP INC   | COM           | 469814107 | 40     | 850SH       |  |   | X | 01 |
| JANUS CAP GROUP INC     | COM           | 47102X105 | 768    | 36,736SH    |  | X |   | 01 |
| JANUS CAP GROUP INC     | COM           | 47102X105 | 6      | 280SH       |  |   | X | 01 |
| JAPAN EQUITY FD INC     | COM           | 471057109 | 225    | 26,484SH    |  | X |   | 01 |
| JAPAN EQUITY FD INC     | COM           | 471057109 | 4      | 500SH       |  |   | X | 01 |
| JOHNSON & JOHNSON       | COM           | 478160104 | 40,754 | 676,303SH   |  | X |   | 01 |
| JOHNSON & JOHNSON       | COM           | 478160104 | 6,605  | 109,614SH   |  |   | X | 01 |
| JOHNSON CTLS INC        | COM           | 478366107 | 26,479 | 279,848SH   |  | X |   | 01 |
| JOHNSON CTLS INC        | COM           | 478366107 | 2,848  | 30,103SH    |  |   | X | 01 |
| JUNIPER NETWORKS INC    | COM           | 48203R104 | 5,229  | 265,704SH   |  | X |   | 01 |
| KKR FINL CORP           | COM           | 482476306 | 217    | 7,922SH     |  | X |   | 01 |
| KKR FINL CORP           | COM           | 482476306 | 27     | 1,000SH     |  |   | X | 01 |
| KT CORP                 | SPONSORED ADR | 48268K101 | 63     | 2,820SH     |  | X |   | 01 |
| KT CORP                 | SPONSORED ADR | 48268K101 | 706    | 31,533SH    |  |   | X | 01 |
| K2 INC                  | COM           | 482732104 | 300    | 24,774SH    |  | X |   | 01 |
| KADANT INC              | COM           | 48282T104 | 1,270  | 50,064SH    |  | X |   | 01 |
| KAYNE ANDERSON MLP INVT | COM           | 486606106 | 249    | 7,076SH     |  | X |   | 01 |
| KB HOME                 | COM           | 48666K109 | 206    | 4,839SH     |  | X |   | 01 |
| KB HOME                 | COM           | 48666K109 | 10     | 232SH       |  |   | X | 01 |
| KELLOGG CO              | COM           | 487836108 | 12,174 | 236,706SH   |  | X |   | 01 |
| KELLOGG CO              | COM           | 487836108 | 7,223  | 140,449SH   |  |   | X | 01 |
| KELLWOOD CO             | COM           | 488044108 | 454    | 15,489SH    |  | X |   | 01 |
| KENEXA CORP             | COM           | 488879107 | 1,368  | 43,946SH    |  | X |   | 01 |
| KEYCORP NEW             | COM           | 493267108 | 7,171  | 191,380SH   |  | X |   | 01 |
| KEYCORP NEW             | COM           | 493267108 | 351    | 9,367SH     |  |   | X | 01 |
| KEYSPAN CORP            | COM           | 49337W100 | 425    | 10,331SH    |  | X |   | 01 |
| KEYSPAN CORP            | COM           | 49337W100 | 55     | 1,339SH     |  |   | X | 01 |
| KIMBERLY CLARK CORP     | COM           | 494368103 | 15,888 | 231,977SH   |  | X |   | 01 |
| KIMBERLY CLARK CORP     | COM           | 494368103 | 4,965  | 72,487SH    |  |   | X | 01 |
| KIMCO REALTY CORP       | COM           | 49446R109 | 3,126  | 64,136SH    |  | X |   | 01 |
| KIMCO REALTY CORP       | COM           | 49446R109 | 145    | 2,967SH     |  |   | X | 01 |
| KINDER MORGAN INC KANS  | COM           | 49455P101 | 1,319  | 12,387SH    |  | X |   | 01 |
| KINDER MORGAN INC KANS  | COM           | 49455P101 | 1      | 5SH         |  |   | X | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER         | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | SH/PUT/SOLE PRN CALL (A) | INVESTMENT DISCRETION |          |           |
|------------------------|----------------|-----------|------------------------|-----------------|--------------------------|-----------------------|----------|-----------|
|                        |                |           |                        |                 |                          | SHR (B)               | OTHR (C) | OTHR MGRS |
| KINDER MORGAN ENERGY   | UT LTD PARTNER | 494550106 | 354                    | 6,729SH         |                          | X                     |          | 01        |
| KINDER MORGAN ENERGY   | UT LTD PARTNER | 494550106 | 491                    | 9,327SH         |                          |                       | X        | 01        |
| KINDRED HEALTHCARE INC | COM            | 494580103 | 1,393                  | 42,487SH        |                          | X                     |          | 01        |
| KINROSS GOLD CORP      | COM NO PAR     | 496902404 | 1,817                  | 131,769SH       |                          | X                     |          | 01        |

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|                         |               |           |        |           |   |   |    |
|-------------------------|---------------|-----------|--------|-----------|---|---|----|
| KINROSS GOLD CORP       | COM NO PAR    | 496902404 | 118    | 8,524SH   |   | X | 01 |
| KOHL'S CORP             | COM           | 500255104 | 20,657 | 269,636SH | X |   | 01 |
| KOHL'S CORP             | COM           | 500255104 | 3,096  | 40,411SH  |   | X | 01 |
| KONINKLIJKE AHOLD N V   | SPON ADR NEW  | 500467303 | 223    | 19,025SH  | X |   | 01 |
| KONINKLIJKE AHOLD N V   | SPON ADR NEW  | 500467303 | 8      | 705SH     |   | X | 01 |
| KONINKLIJKE PHILIPS     | NY REG SH NEW | 500472303 | 589    | 15,455SH  | X |   | 01 |
| KOREA ELECTRIC PWR      | SPONSORED ADR | 500631106 | 125    | 6,240SH   | X |   | 01 |
| KOREA ELECTRIC PWR      | SPONSORED ADR | 500631106 | 406    | 20,305SH  |   | X | 01 |
| KRAFT FOODS INC         | CL A          | 50075N104 | 373    | 11,781SH  | X |   | 01 |
| KRAFT FOODS INC         | CL A          | 50075N104 | 16     | 521SH     |   | X | 01 |
| KROGER CO               | COM           | 501044101 | 13,194 | 467,059SH | X |   | 01 |
| KROGER CO               | COM           | 501044101 | 120    | 4,249SH   |   | X | 01 |
| KULICKE & SOFFA INDS    | COM           | 501242101 | 251    | 27,098SH  | X |   | 01 |
| KYPHON INC              | COM           | 501577100 | 2,939  | 65,100SH  | X |   | 01 |
| LSI INDS INC            | COM           | 50216C108 | 1,684  | 100,577SH | X |   | 01 |
| LSI LOGIC CORP          | COM           | 502161102 | 124    | 11,889SH  | X |   | 01 |
| LSI LOGIC CORP          | COM           | 502161102 | 22     | 2,145SH   |   | X | 01 |
| L-3 COMMUNICATNS HLDGS  | COM           | 502424104 | 547    | 6,254SH   | X |   | 01 |
| L-3 COMMUNICATNS HLDGS  | COM           | 502424104 | 47     | 538SH     |   | X | 01 |
| LABORATORY CORP AMER    | COM NEW       | 50540R409 | 1,310  | 18,036SH  | X |   | 01 |
| LABORATORY CORP AMER    | COM NEW       | 50540R409 | 155    | 2,134SH   |   | X | 01 |
| LADISH INC              | COM NEW       | 505754200 | 2,002  | 53,181SH  | X |   | 01 |
| LAM RESEARCH CORP       | COM           | 512807108 | 3,249  | 68,626SH  | X |   | 01 |
| LAM RESEARCH CORP       | COM           | 512807108 | 37     | 780SH     |   | X | 01 |
| LANDEC CORP             | COM           | 514766104 | 2,339  | 164,967SH | X |   | 01 |
| LAUDER ESTEE COS INC    | CL A          | 518439104 | 6,751  | 138,192SH | X |   | 01 |
| LAUDER ESTEE COS INC    | CL A          | 518439104 | 478    | 9,794SH   |   | X | 01 |
| LEAP WIRELESS INTL INC  | COM NEW       | 521863308 | 1,995  | 30,229SH  | X |   | 01 |
| LEGGETT & PLATT INC     | COM           | 524660107 | 1,707  | 75,286SH  | X |   | 01 |
| LEGGETT & PLATT INC     | COM           | 524660107 | 38     | 1,680SH   |   | X | 01 |
| LEGG MASON INC          | COM           | 524901105 | 509    | 5,402SH   | X |   | 01 |
| LEGG MASON INC          | COM           | 524901105 | 490    | 5,197SH   |   | X | 01 |
| LEHMAN BROS HLDGS INC   | COM           | 524908100 | 10,449 | 149,116SH | X |   | 01 |
| LEHMAN BROS HLDGS INC   | COM           | 524908100 | 272    | 3,886SH   |   | X | 01 |
| LENNAR CORP             | CL A          | 526057104 | 7,980  | 189,043SH | X |   | 01 |
| LENNAR CORP             | CL A          | 526057104 | 158    | 3,750SH   |   | X | 01 |
| LIBERTY MEDIA HLDG CORP | INT COM SER A | 53071M104 | 2,176  | 91,372SH  | X |   | 01 |
| LIBERTY MEDIA HLDG CORP | INT COM SER A | 53071M104 | 207    | 8,684SH   |   | X | 01 |
| LIBERTY MEDIA HLDG CORP | CAP COM SER A | 53071M302 | 9,991  | 90,340SH  | X |   | 01 |
| LIBERTY MEDIA HLDG CORP | CAP COM SER A | 53071M302 | 22     | 202SH     |   | X | 01 |
| LIFE TIME FITNESS INC   | COM           | 53217R207 | 4,495  | 87,444SH  | X |   | 01 |
| LIFECORE BIOMEDICAL INC | COM           | 532187101 | 244    | 13,000SH  | X |   | 01 |
| LIHIR GOLD LTD          | SPONSORED ADR | 532349107 | 280    | 10,742SH  |   | X | 01 |
| LILLY ELI & CO          | COM           | 532457108 | 24,134 | 449,333SH | X |   | 01 |
| LILLY ELI & CO          | COM           | 532457108 | 15,433 | 287,331SH |   | X | 01 |
| LIMITED BRANDS INC      | COM           | 532716107 | 519    | 19,913SH  | X |   | 01 |
| LIMITED BRANDS INC      | COM           | 532716107 | 53     | 2,047SH   |   | X | 01 |
| LINCOLN NATL CORP IND   | COM           | 534187109 | 5,361  | 79,080SH  | X |   | 01 |
| LINCOLN NATL CORP IND   | COM           | 534187109 | 1,918  | 28,295SH  |   | X | 01 |
| LINSAY CORPORATION      | COM           | 535555106 | 2,413  | 75,916SH  | X |   | 01 |
| LINEAR TECHNOLOGY CORP  | COM           | 535678106 | 131    | 4,152SH   | X |   | 01 |
| LINEAR TECHNOLOGY CORP  | COM           | 535678106 | 214    | 6,776SH   |   | X | 01 |
| LIZ CLAIBORNE INC       | COM           | 539320101 | 2,824  | 65,906SH  | X |   | 01 |
| LIZ CLAIBORNE INC       | COM           | 539320101 | 10     | 226SH     |   | X | 01 |
| LLOYDS TSB GROUP PLC    | SPONSORED ADR | 539439109 | 219    | 4,915SH   | X |   | 01 |
| LLOYDS TSB GROUP PLC    | SPONSORED ADR | 539439109 | 16     | 355SH     |   | X | 01 |
| LOCKHEED MARTIN CORP    | COM           | 539830109 | 25,073 | 258,431SH | X |   | 01 |
| LOCKHEED MARTIN CORP    | COM           | 539830109 | 1,629  | 16,791SH  |   | X | 01 |
| LOEWS CORP              | COM           | 540424108 | 755    | 16,615SH  | X |   | 01 |
| LOEWS CORP              | COM           | 540424108 | 172    | 3,794SH   |   | X | 01 |
| LONGVIEW FIBRE CO       | COM           | 543213102 | 794    | 32,257SH  | X |   | 01 |
| LOUISIANA PAC CORP      | COM           | 546347105 | 849    | 42,318SH  | X |   | 01 |

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|                       |      |           |        |           |   |  |   |    |
|-----------------------|------|-----------|--------|-----------|---|--|---|----|
| LOWES COS INC         | COM  | 548661107 | 4,537  | 144,093SH | X |  |   | 01 |
| LOWES COS INC         | COM  | 548661107 | 954    | 30,298SH  |   |  | X | 01 |
| LYONDELL CHEMICAL CO  | COM  | 552078107 | 1,557  | 51,945SH  | X |  |   | 01 |
| MAF BANCORP INC       | COM  | 55261R108 | 318    | 7,684SH   | X |  |   | 01 |
| MAF BANCORP INC       | COM  | 55261R108 | 59     | 1,422SH   |   |  | X | 01 |
| MBIA INC              | COM  | 55262C100 | 805    | 12,299SH  | X |  |   | 01 |
| MBIA INC              | COM  | 55262C100 | 363    | 5,538SH   |   |  | X | 01 |
| MDU RES GROUP INC     | COM  | 552690109 | 4,123  | 143,460SH | X |  |   | 01 |
| MDU RES GROUP INC     | COM  | 552690109 | 361    | 12,564SH  |   |  | X | 01 |
| MEMC ELECTR MATLS INC | COM  | 552715104 | 4,611  | 76,119SH  | X |  |   | 01 |
| MEMC ELECTR MATLS INC | COM  | 552715104 | 116    | 1,919SH   |   |  | X | 01 |
| MGE ENERGY INC        | COM  | 55277P104 | 2,035  | 57,397SH  | X |  |   | 01 |
| MGE ENERGY INC        | COM  | 55277P104 | 133    | 3,760SH   |   |  | X | 01 |
| MGIC INVT CORP WIS    | COM  | 552848103 | 12,421 | 210,815SH | X |  |   | 01 |
| MGIC INVT CORP WIS    | COM  | 552848103 | 302    | 5,134SH   |   |  | X | 01 |
| MGM MIRAGE            | COM  | 552953101 | 647    | 9,310SH   | X |  |   | 01 |
| MGM MIRAGE            | COM  | 552953101 | 216    | 3,112SH   |   |  | X | 01 |
| MSC SOFTWARE CORP     | COM  | 553531104 | 245    | 17,800SH  | X |  |   | 01 |
| MWI VETERINARY SUPPLY | COM  | 55402X105 | 1,713  | 51,902SH  | X |  |   | 01 |
| MWI VETERINARY SUPPLY | COM  | 55402X105 | 8      | 242SH     |   |  | X | 01 |
| MADISON/CLAYMORE CVRD | COM  | 556582104 | 204    | 13,400SH  | X |  |   | 01 |
| MAGNA INTL INC        | CL A | 559222401 | 108    | 1,440SH   | X |  |   | 01 |
| MAGNA INTL INC        | CL A | 559222401 | 414    | 5,510SH   |   |  | X | 01 |
| MANITOWOC INC         | COM  | 563571108 | 4,802  | 75,588SH  | X |  |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER         | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |              |          |           |
|------------------------|----------------|-----------|------------------------|-----------------|--------------------------|--------------|----------|-----------|
|                        |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR OTHR (B) | OTHR (C) | OTHR MGRS |
| MANITOWOC INC          | COM            | 563571108 | 17                     | 275SH           |                          |              | X        | 01        |
| MANOR CARE INC NEW     | COM            | 564055101 | 2,993                  | 55,059SH        | X                        |              |          | 01        |
| MANOR CARE INC NEW     | COM            | 564055101 | 22                     | 397SH           |                          |              | X        | 01        |
| MANPOWER INC           | COM            | 56418H100 | 9,161                  | 124,178SH       | X                        |              |          | 01        |
| MANPOWER INC           | COM            | 56418H100 | 156                    | 2,115SH         |                          |              | X        | 01        |
| MANULIFE FINL CORP     | COM            | 56501R106 | 576                    | 16,714SH        | X                        |              |          | 01        |
| MANULIFE FINL CORP     | COM            | 56501R106 | 26                     | 758SH           |                          |              | X        | 01        |
| MARATHON OIL CORP      | COM            | 565849106 | 10,696                 | 108,223SH       | X                        |              |          | 01        |
| MARATHON OIL CORP      | COM            | 565849106 | 345                    | 3,489SH         |                          |              | X        | 01        |
| MARCUS CORP            | COM            | 566330106 | 91                     | 3,919SH         | X                        |              |          | 01        |
| MARCUS CORP            | COM            | 566330106 | 480                    | 20,650SH        |                          |              | X        | 01        |
| MARSH & MCLENNAN COS   | COM            | 571748102 | 844                    | 28,801SH        | X                        |              |          | 01        |
| MARSH & MCLENNAN COS   | COM            | 571748102 | 245                    | 8,375SH         |                          |              | X        | 01        |
| MARSHALL & ILSLEY CORP | COM            | 571834100 | 194,492                | 4,199,783SH     | X                        |              |          | 01        |
| MARSHALL & ILSLEY CORP | COM            | 571834100 | 81,795                 | 1,766,251SH     |                          |              | X        | 01        |
| MARRIOTT INTL INC NEW  | CL A           | 571903202 | 262                    | 5,355SH         | X                        |              |          | 01        |
| MARRIOTT INTL INC NEW  | CL A           | 571903202 | 3                      | 56SH            |                          |              | X        | 01        |
| MASCO CORP             | COM            | 574599106 | 4,321                  | 157,704SH       | X                        |              |          | 01        |
| MASCO CORP             | COM            | 574599106 | 73                     | 2,668SH         |                          |              | X        | 01        |
| MASTERCARD INC         | CL A           | 57636Q104 | 1,609                  | 15,149SH        | X                        |              |          | 01        |

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|                         |               |           |        |             |   |   |    |
|-------------------------|---------------|-----------|--------|-------------|---|---|----|
| MATTEL INC              | COM           | 577081102 | 1,746  | 63,346SH    | X |   | 01 |
| MATTEL INC              | COM           | 577081102 | 178    | 6,468SH     |   | X | 01 |
| MAXIMUS INC             | COM           | 577933104 | 447    | 12,970SH    | X |   | 01 |
| MCCORMICK & CO INC      | COM NON VTG   | 579780206 | 643    | 16,699SH    | X |   | 01 |
| MCCORMICK & CO INC      | COM NON VTG   | 579780206 | 21     | 541SH       |   | X | 01 |
| MCDONALDS CORP          | COM           | 580135101 | 11,809 | 262,120SH   | X |   | 01 |
| MCDONALDS CORP          | COM           | 580135101 | 2,088  | 46,358SH    |   | X | 01 |
| MCGRAW HILL COS INC     | COM           | 580645109 | 5,257  | 83,598SH    | X |   | 01 |
| MCGRAW HILL COS INC     | COM           | 580645109 | 624    | 9,930SH     |   | X | 01 |
| MCKESSON CORP           | COM           | 58155Q103 | 855    | 14,605SH    | X |   | 01 |
| MCKESSON CORP           | COM           | 58155Q103 | 1      | 15SH        |   | X | 01 |
| MEADWESTVACO CORP       | COM           | 583334107 | 11,508 | 373,148SH   | X |   | 01 |
| MEADWESTVACO CORP       | COM           | 583334107 | 343    | 11,106SH    |   | X | 01 |
| MEDCATH CORP            | COM           | 58404W109 | 1,536  | 56,254SH    | X |   | 01 |
| MEDCO HEALTH SOLUTIONS  | COM           | 58405U102 | 3,805  | 52,462SH    | X |   | 01 |
| MEDCO HEALTH SOLUTIONS  | COM           | 58405U102 | 222    | 3,061SH     |   | X | 01 |
| MEDICIS PHARMACEUTICAL  | CL A NEW      | 584690309 | 1,850  | 60,024SH    | X |   | 01 |
| MEDICIS PHARMACEUTICAL  | CL A NEW      | 584690309 | 11     | 346SH       |   | X | 01 |
| MEDIMMUNE INC           | COM           | 584699102 | 11,213 | 308,121SH   | X |   | 01 |
| MEDIMMUNE INC           | COM           | 584699102 | 1,138  | 31,282SH    |   | X | 01 |
| MEDTRONIC INC           | COM           | 585055106 | 15,179 | 309,405SH   | X |   | 01 |
| MEDTRONIC INC           | COM           | 585055106 | 1,547  | 31,524SH    |   | X | 01 |
| MELLON FINL CORP        | COM           | 58551A108 | 1,593  | 36,928SH    | X |   | 01 |
| MELLON FINL CORP        | COM           | 58551A108 | 116    | 2,696SH     |   | X | 01 |
| MERCK & CO INC          | COM           | 589331107 | 14,329 | 324,411SH   | X |   | 01 |
| MERCK & CO INC          | COM           | 589331107 | 3,373  | 76,357SH    |   | X | 01 |
| MEREDITH CORP           | COM           | 589433101 | 720    | 12,539SH    | X |   | 01 |
| MEREDITH CORP           | COM           | 589433101 | 20     | 344SH       |   | X | 01 |
| MERRILL LYNCH & CO INC  | COM           | 590188108 | 15,971 | 195,556SH   | X |   | 01 |
| MERRILL LYNCH & CO INC  | COM           | 590188108 | 190    | 2,327SH     |   | X | 01 |
| METLIFE INC             | COM           | 59156R108 | 1,589  | 25,160SH    | X |   | 01 |
| METLIFE INC             | COM           | 59156R108 | 53     | 847SH       |   | X | 01 |
| MICROSOFT CORP          | COM           | 594918104 | 53,911 | 1,934,359SH | X |   | 01 |
| MICROSOFT CORP          | COM           | 594918104 | 8,276  | 296,956SH   |   | X | 01 |
| MICROCHIP TECHNOLOGY    | COM           | 595017104 | 463    | 13,032SH    | X |   | 01 |
| MICROCHIP TECHNOLOGY    | COM           | 595017104 | 4      | 112SH       |   | X | 01 |
| MIDCAP SPDR TR          | UNIT SER 1    | 595635103 | 7,863  | 50,867SH    | X |   | 01 |
| MIDCAP SPDR TR          | UNIT SER 1    | 595635103 | 734    | 4,750SH     |   | X | 01 |
| MIDDLEBY CORP           | COM           | 596278101 | 3,190  | 24,198SH    | X |   | 01 |
| MIDDLEBY CORP           | COM           | 596278101 | 19     | 141SH       |   | X | 01 |
| MILLIPORE CORP          | COM           | 601073109 | 364    | 5,028SH     | X |   | 01 |
| MILLIPORE CORP          | COM           | 601073109 | 1      | 11SH        |   | X | 01 |
| MITSUBISHI UFJ FINL GRP | SPONSORED ADR | 606822104 | 177    | 15,760SH    | X |   | 01 |
| MITSUBISHI UFJ FINL GRP | SPONSORED ADR | 606822104 | 5      | 480SH       |   | X | 01 |
| MODINE MFG CO           | COM           | 607828100 | 1,997  | 87,209SH    | X |   | 01 |
| MODINE MFG CO           | COM           | 607828100 | 472    | 20,600SH    |   | X | 01 |
| MOHAWK INDS INC         | COM           | 608190104 | 9,311  | 113,476SH   | X |   | 01 |
| MOLSON COORS BREWING CO | CL B          | 60871R209 | 3,852  | 40,709SH    | X |   | 01 |
| MOLSON COORS BREWING CO | CL B          | 60871R209 | 30     | 315SH       |   | X | 01 |
| MONSANTO CO NEW         | COM           | 61166W101 | 3,309  | 60,207SH    | X |   | 01 |
| MONSANTO CO NEW         | COM           | 61166W101 | 585    | 10,653SH    |   | X | 01 |
| MOODYS CORP             | COM           | 615369105 | 1,101  | 17,746SH    | X |   | 01 |
| MOODYS CORP             | COM           | 615369105 | 212    | 3,422SH     |   | X | 01 |
| MOOG INC                | CL A          | 615394202 | 3,030  | 72,749SH    | X |   | 01 |
| MORGAN STANLEY          | COM NEW       | 617446448 | 23,686 | 300,735SH   | X |   | 01 |
| MORGAN STANLEY          | COM NEW       | 617446448 | 2,096  | 26,611SH    |   | X | 01 |
| MORGANS HOTEL GROUP CO  | COM           | 61748W108 | 1,849  | 88,008SH    | X |   | 01 |
| MOTOROLA INC            | COM           | 620076109 | 7,803  | 441,587SH   | X |   | 01 |
| MOTOROLA INC            | COM           | 620076109 | 466    | 26,400SH    |   | X | 01 |
| MURPHY OIL CORP         | COM           | 626717102 | 10,209 | 191,181SH   | X |   | 01 |
| MURPHY OIL CORP         | COM           | 626717102 | 378    | 7,080SH     |   | X | 01 |
| MYLAN LABS INC          | COM           | 628530107 | 1,527  | 72,254SH    | X |   | 01 |



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|                        |            |           |        |           |   |   |    |
|------------------------|------------|-----------|--------|-----------|---|---|----|
| MYLAN LABS INC         | COM        | 628530107 | 66     | 3,132SH   |   | X | 01 |
| NCR CORP NEW           | COM        | 62886E108 | 466    | 9,762SH   | X |   | 01 |
| NCR CORP NEW           | COM        | 62886E108 | 8      | 162SH     |   | X | 01 |
| NII HLDGS INC          | CL B NEW   | 62913F201 | 2,428  | 32,733SH  | X |   | 01 |
| NASDAQ 100 TR          | UNIT SER 1 | 631100104 | 1,025  | 23,549SH  | X |   | 01 |
| NASDAQ 100 TR          | UNIT SER 1 | 631100104 | 232    | 5,337SH   |   | X | 01 |
| NATIONAL CINEMEDIA INC | COM        | 635309107 | 3,851  | 144,244SH | X |   | 01 |
| NATIONAL CITY CORP     | COM        | 635405103 | 12,709 | 341,174SH | X |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUM

| NAME OF ISSUER          | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |         |          |           |
|-------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|----------|-----------|
|                         |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTHR (C) | OTHR MGRS |
| NATIONAL CITY CORP      | COM            | 635405103 | 469                    | 12,604SH        |                          |         | X        | 01        |
| NATIONAL FUEL GAS CO    | COM            | 636180101 | 570                    | 13,169SH        | X                        |         |          | 01        |
| NATIONAL FUEL GAS CO    | COM            | 636180101 | 76                     | 1,764SH         |                          |         | X        | 01        |
| NATIONAL OILWELL VARCO  | COM            | 637071101 | 1,805                  | 23,200SH        | X                        |         |          | 01        |
| NATIONAL OILWELL VARCO  | COM            | 637071101 | 82                     | 1,055SH         |                          |         | X        | 01        |
| NATIONAL SEMICONDUCTOR  | COM            | 637640103 | 525                    | 21,734SH        | X                        |         |          | 01        |
| NATIONAL SEMICONDUCTOR  | COM            | 637640103 | 65                     | 2,712SH         |                          |         | X        | 01        |
| NATUS MEDICAL INC DEL   | COM            | 639050103 | 2,259                  | 127,126SH       | X                        |         |          | 01        |
| NAVTEQ CORP             | COM            | 63936L100 | 837                    | 24,251SH        | X                        |         |          | 01        |
| NAVTEQ CORP             | COM            | 63936L100 | 45                     | 1,304SH         |                          |         | X        | 01        |
| NETWORK APPLIANCE INC   | COM            | 64120L104 | 2,695                  | 73,795SH        | X                        |         |          | 01        |
| NETWORK APPLIANCE INC   | COM            | 64120L104 | 13                     | 344SH           |                          |         | X        | 01        |
| NEW RIV PHARMACEUTICALS | COM            | 648468205 | 2,019                  | 31,734SH        | X                        |         |          | 01        |
| NEW YORK TIMES CO       | CL A           | 650111107 | 1,453                  | 61,813SH        | X                        |         |          | 01        |
| NEW YORK TIMES CO       | CL A           | 650111107 | 35                     | 1,485SH         |                          |         | X        | 01        |
| NEWALLIANCE BANCSHARES  | COM            | 650203102 | 166                    | 10,229SH        | X                        |         |          | 01        |
| NEWELL RUBBERMAID INC   | COM            | 651229106 | 8,305                  | 267,116SH       | X                        |         |          | 01        |
| NEWELL RUBBERMAID INC   | COM            | 651229106 | 366                    | 11,771SH        |                          |         | X        | 01        |
| NEWFIELD EXPL CO        | COM            | 651290108 | 6,583                  | 157,829SH       | X                        |         |          | 01        |
| NEWMONT MINING CORP     | COM            | 651639106 | 689                    | 16,404SH        | X                        |         |          | 01        |
| NEWMONT MINING CORP     | COM            | 651639106 | 107                    | 2,541SH         |                          |         | X        | 01        |
| NEWS CORP               | CL A           | 65248E104 | 4,347                  | 188,037SH       | X                        |         |          | 01        |
| NEWS CORP               | CL A           | 65248E104 | 269                    | 11,653SH        |                          |         | X        | 01        |
| NEXCEN BRANDS INC       | COM            | 653351106 | 3,134                  | 315,914SH       | X                        |         |          | 01        |
| NICHOLS-APPLEGATE CONV  | COM            | 65370F101 | 339                    | 21,000SH        | X                        |         |          | 01        |
| NICOR INC               | COM            | 654086107 | 2,121                  | 43,795SH        | X                        |         |          | 01        |
| NICOR INC               | COM            | 654086107 | 73                     | 1,506SH         |                          |         | X        | 01        |
| NIKE INC                | CL B           | 654106103 | 7,215                  | 67,898SH        | X                        |         |          | 01        |
| NIKE INC                | CL B           | 654106103 | 343                    | 3,230SH         |                          |         | X        | 01        |
| NIPPON TELEG & TEL CORP | SPONSORED ADR  | 654624105 | 206                    | 7,813SH         | X                        |         |          | 01        |
| NIPPON TELEG & TEL CORP | SPONSORED ADR  | 654624105 | 691                    | 26,151SH        |                          |         | X        | 01        |
| NISOURCE INC            | COM            | 65473P105 | 1,875                  | 76,723SH        | X                        |         |          | 01        |
| NISOURCE INC            | COM            | 65473P105 | 191                    | 7,808SH         |                          |         | X        | 01        |
| NOKIA CORP              | SPONSORED ADR  | 654902204 | 1,710                  | 74,615SH        | X                        |         |          | 01        |
| NOKIA CORP              | SPONSORED ADR  | 654902204 | 1,431                  | 62,455SH        |                          |         | X        | 01        |
| NOBLE ENERGY INC        | COM            | 655044105 | 13,819                 | 231,674SH       | X                        |         |          | 01        |

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|                         |               |           |        |           |   |   |    |
|-------------------------|---------------|-----------|--------|-----------|---|---|----|
| NOBLE ENERGY INC        | COM           | 655044105 | 133    | 2,229SH   |   | X | 01 |
| NORDSTROM INC           | COM           | 655664100 | 1,703  | 32,164SH  | X |   | 01 |
| NORDSTROM INC           | COM           | 655664100 | 150    | 2,835SH   |   | X | 01 |
| NORFOLK SOUTHERN CORP   | COM           | 655844108 | 5,033  | 99,475SH  | X |   | 01 |
| NORFOLK SOUTHERN CORP   | COM           | 655844108 | 60     | 1,188SH   |   | X | 01 |
| NORTH EUROPEAN OIL RTY  | SH BEN INT    | 659310106 | 235    | 6,300SH   | X |   | 01 |
| NORTHERN TR CORP        | COM           | 665859104 | 8,529  | 141,816SH | X |   | 01 |
| NORTHERN TR CORP        | COM           | 665859104 | 906    | 15,065SH  |   | X | 01 |
| NORTHROP GRUMMAN CORP   | COM           | 666807102 | 5,016  | 67,586SH  | X |   | 01 |
| NORTHROP GRUMMAN CORP   | COM           | 666807102 | 358    | 4,820SH   |   | X | 01 |
| NOVARTIS A G            | SPONSORED ADR | 66987V109 | 1,449  | 26,525SH  | X |   | 01 |
| NOVARTIS A G            | SPONSORED ADR | 66987V109 | 427    | 7,822SH   |   | X | 01 |
| NOVAVAX INC             | COM           | 670002104 | 275    | 106,160SH | X |   | 01 |
| NOVELL INC              | COM           | 670006105 | 352    | 48,768SH  | X |   | 01 |
| NOVELL INC              | COM           | 670006105 | 4      | 570SH     |   | X | 01 |
| NOVELLUS SYS INC        | COM           | 670008101 | 3,648  | 113,915SH | X |   | 01 |
| NOVELLUS SYS INC        | COM           | 670008101 | 0      | 5SH       |   | X | 01 |
| NUANCE COMMUNICATIONS   | COM           | 67020Y100 | 162    | 10,579SH  | X |   | 01 |
| NUANCE COMMUNICATIONS   | COM           | 67020Y100 | 42     | 2,724SH   |   | X | 01 |
| NUCOR CORP              | COM           | 670346105 | 8,114  | 124,585SH | X |   | 01 |
| NUCOR CORP              | COM           | 670346105 | 102    | 1,569SH   |   | X | 01 |
| NVIDIA CORP             | COM           | 67066G104 | 1,726  | 59,986SH  | X |   | 01 |
| NVIDIA CORP             | COM           | 67066G104 | 194    | 6,746SH   |   | X | 01 |
| NUVASIVE INC            | COM           | 670704105 | 2,419  | 101,855SH | X |   | 01 |
| NUVEEN QLTZ PFD INC FD  | COM           | 67071S101 | 195    | 13,824SH  | X |   | 01 |
| NXSTAGE MEDICAL INC     | COM           | 67072V103 | 796    | 59,769SH  | X |   | 01 |
| OGE ENERGY CORP         | COM           | 670837103 | 3,120  | 80,424SH  | X |   | 01 |
| OGE ENERGY CORP         | COM           | 670837103 | 118    | 3,035SH   |   | X | 01 |
| NUVEEN INVTS INC        | CL A          | 67090F106 | 2,662  | 56,274SH  | X |   | 01 |
| OSI SYSTEMS INC         | COM           | 671044105 | 2,133  | 80,667SH  | X |   | 01 |
| OCCIDENTAL PETE CORP    | COM           | 674599105 | 5,366  | 108,812SH | X |   | 01 |
| OCCIDENTAL PETE CORP    | COM           | 674599105 | 674    | 13,674SH  |   | X | 01 |
| OCEANEERING INTL INC    | COM           | 675232102 | 38     | 913SH     | X |   | 01 |
| OCEANEERING INTL INC    | COM           | 675232102 | 224    | 5,329SH   |   | X | 01 |
| ODYSSEY MARINE EXPLRTN  | COM           | 676118102 | 110    | 30,140SH  | X |   | 01 |
| OFFICEMAX INC DEL       | COM           | 67622P101 | 610    | 11,558SH  | X |   | 01 |
| OFFICEMAX INC DEL       | COM           | 67622P101 | 5      | 100SH     |   | X | 01 |
| OFFICE DEPOT INC        | COM           | 676220106 | 317    | 9,016SH   | X |   | 01 |
| OFFICE DEPOT INC        | COM           | 676220106 | 8      | 238SH     |   | X | 01 |
| OLD REP INTL CORP       | COM           | 680223104 | 1,652  | 74,675SH  | X |   | 01 |
| OLD REP INTL CORP       | COM           | 680223104 | 8,365  | 378,187SH |   | X | 01 |
| OMNICARE INC            | COM           | 681904108 | 10,245 | 257,603SH | X |   | 01 |
| OMNICOM GROUP INC       | COM           | 681919106 | 1,001  | 9,782SH   | X |   | 01 |
| OMNICOM GROUP INC       | COM           | 681919106 | 12     | 122SH     |   | X | 01 |
| ON ASSIGNMENT INC       | COM           | 682159108 | 1,900  | 153,142SH | X |   | 01 |
| ONEOK INC NEW           | COM           | 682680103 | 3,076  | 68,361SH  | X |   | 01 |
| ORACLE CORP             | COM           | 68389X105 | 11,214 | 618,515SH | X |   | 01 |
| ORACLE CORP             | COM           | 68389X105 | 957    | 52,789SH  |   | X | 01 |
| OSHKOSH TRUCK CORP      | COM           | 688239201 | 686    | 12,934SH  | X |   | 01 |
| OSHKOSH TRUCK CORP      | COM           | 688239201 | 2,587  | 48,810SH  |   | X | 01 |
| PG&E CORP               | COM           | 69331C108 | 6,343  | 131,412SH | X |   | 01 |
| PG&E CORP               | COM           | 69331C108 | 116    | 2,404SH   |   | X | 01 |
| PICO HLDGS INC          | COM NEW       | 693366205 | 1,250  | 29,267SH  | X |   | 01 |
| PNC FINL SVCS GROUP INC | COM           | 693475105 | 4,663  | 64,788SH  | X |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F

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ASSETS AS OF 03/31/2007

| ----- COLUMN 1 ----- COLUMN 2 ----- COLUMN 3 ----- COLUMN 4 ----- COLUMN 5 ----- COLUMN 6 ----- COLUMN 7 ----- |                |           |                        |                 |                          |         |          |           |    |
|--|----------------|-----------|------------------------|-----------------|--------------------------|---------|----------|-----------|----|
| NAME OF ISSUER   | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |         |          |           |    |
|  |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTHR (C) | OTHR MGRS |    |
| PNC FINL SVCS GROUP INC  | COM            | 693475105 | 601                    | 8,356SH         |                          |         |          | X         | 01 |
| PNM RES INC  | COM            | 69349H107 | 210                    | 6,515SH         | X                        |         |          |           | 01 |
| PPG INDS INC   | COM            | 693506107 | 3,199                  | 45,500SH        | X                        |         |          |           | 01 |
| PPG INDS INC   | COM            | 693506107 | 375                    | 5,339SH         |                          |         | X        |           | 01 |
| PPL CORP   | COM            | 69351T106 | 14,617                 | 357,392SH       | X                        |         |          |           | 01 |
| PPL CORP   | COM            | 69351T106 | 17                     | 410SH           |                          |         | X        |           | 01 |
| PACCAR INC   | COM            | 693718108 | 854                    | 11,633SH        | X                        |         |          |           | 01 |
| PACCAR INC   | COM            | 693718108 | 84                     | 1,140SH         |                          |         | X        |           | 01 |
| PACER INTL INC TENN  | COM            | 69373H106 | 205                    | 7,600SH         | X                        |         |          |           | 01 |
| PACKAGING CORP AMER  | COM            | 695156109 | 9,021                  | 369,717SH       | X                        |         |          |           | 01 |
| PACTIV CORP  | COM            | 695257105 | 179                    | 5,317SH         | X                        |         |          |           | 01 |
| PACTIV CORP  | COM            | 695257105 | 61                     | 1,814SH         |                          |         | X        |           | 01 |
| PARALLEL PETE CORP DEL   | COM            | 699157103 | 3,461                  | 150,816SH       | X                        |         |          |           | 01 |
| PARAMETRIC TECHNOLOGY  | COM NEW        | 699173209 | 1,296                  | 68,225SH        | X                        |         |          |           | 01 |
| PAREXEL INTL CORP  | COM            | 699462107 | 2,034                  | 56,543SH        | X                        |         |          |           | 01 |
| PARKER HANNIFIN CORP   | COM            | 701094104 | 3,936                  | 45,603SH        | X                        |         |          |           | 01 |
| PARKER HANNIFIN CORP   | COM            | 701094104 | 304                    | 3,520SH         |                          |         | X        |           | 01 |
| PATTERSON COMPANIES INC  | COM            | 703395103 | 207                    | 5,836SH         | X                        |         |          |           | 01 |
| PAXAR CORP   | COM            | 704227107 | 339                    | 11,822SH        | X                        |         |          |           | 01 |
| PAYCHEX INC  | COM            | 704326107 | 647                    | 17,090SH        | X                        |         |          |           | 01 |
| PAYCHEX INC  | COM            | 704326107 | 101                    | 2,679SH         |                          |         | X        |           | 01 |
| PEABODY ENERGY CORP  | COM            | 704549104 | 328                    | 8,150SH         | X                        |         |          |           | 01 |
| PEABODY ENERGY CORP  | COM            | 704549104 | 132                    | 3,283SH         |                          |         | X        |           | 01 |
| PENGROWTH ENERGY TR  | TR UNIT NEW    | 706902509 | 515                    | 30,505SH        | X                        |         |          |           | 01 |
| PENGROWTH ENERGY TR  | TR UNIT NEW    | 706902509 | 17                     | 1,000SH         |                          |         | X        |           | 01 |
| PENN VA CORP   | COM            | 707882106 | 25                     | 343SH           | X                        |         |          |           | 01 |
| PENN VA CORP   | COM            | 707882106 | 313                    | 4,268SH         |                          |         | X        |           | 01 |
| PENNEY J C INC   | COM            | 708160106 | 15,906                 | 193,593SH       | X                        |         |          |           | 01 |
| PENNEY J C INC   | COM            | 708160106 | 2,551                  | 31,054SH        |                          |         | X        |           | 01 |
| PEPSI BOTTLING GROUP   | COM            | 713409100 | 343                    | 10,767SH        | X                        |         |          |           | 01 |
| PEPSI BOTTLING GROUP   | COM            | 713409100 | 7                      | 218SH           |                          |         | X        |           | 01 |
| PEPSICO INC  | COM            | 713448108 | 27,393                 | 430,981SH       | X                        |         |          |           | 01 |
| PEPSICO INC  | COM            | 713448108 | 6,365                  | 100,137SH       |                          |         | X        |           | 01 |
| PERFICIENT INC   | COM            | 71375U101 | 1,699                  | 85,903SH        | X                        |         |          |           | 01 |
| PERKINELMER INC  | COM            | 714046109 | 531                    | 21,927SH        | X                        |         |          |           | 01 |
| PERKINELMER INC  | COM            | 714046109 | 13                     | 531SH           |                          |         | X        |           | 01 |
| PEROT SYS CORP   | CL A           | 714265105 | 376                    | 21,049SH        | X                        |         |          |           | 01 |
| PERRIGO CO   | COM            | 714290103 | 264                    | 14,929SH        | X                        |         |          |           | 01 |
| PERRIGO CO   | COM            | 714290103 | 30                     | 1,700SH         |                          |         | X        |           | 01 |
| PETROHAWK ENERGY CORP  | COM            | 716495106 | 125                    | 9,519SH         | X                        |         |          |           | 01 |
| PETROHAWK ENERGY CORP  | COM            | 716495106 | 35                     | 2,650SH         |                          |         | X        |           | 01 |
| PETROLEUM DEV CORP   | COM            | 716578109 | 1,930                  | 36,025SH        | X                        |         |          |           | 01 |
| PFIZER INC   | COM            | 717081103 | 46,693                 | 1,848,510SH     | X                        |         |          |           | 01 |
| PFIZER INC   | COM            | 717081103 | 6,673                  | 264,159SH       |                          |         | X        |           | 01 |
| PHASE FORWARD INC  | COM            | 71721R406 | 1,402                  | 106,808SH       | X                        |         |          |           | 01 |
| PHILADELPHIA CONS HLDG   | COM            | 717528103 | 2,067                  | 46,989SH        | X                        |         |          |           | 01 |
| PHILADELPHIA CONS HLDG   | COM            | 717528103 | 56                     | 1,274SH         |                          |         | X        |           | 01 |
| PILGRIMS PRIDE CORP  | COM            | 721467108 | 9,421                  | 283,845SH       | X                        |         |          |           | 01 |
| PINNACLE WEST CAP CORP   | COM            | 723484101 | 4,563                  | 94,565SH        | X                        |         |          |           | 01 |
| PINNACLE WEST CAP CORP   | COM            | 723484101 | 101                    | 2,102SH         |                          |         | X        |           | 01 |
| PITNEY BOWES INC   | COM            | 724479100 | 4,836                  | 106,548SH       | X                        |         |          |           | 01 |
| PITNEY BOWES INC   | COM            | 724479100 | 217                    | 4,779SH         |                          |         | X        |           | 01 |

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|                         |                |           |        |           |   |  |   |  |    |
|-------------------------|----------------|-----------|--------|-----------|---|--|---|--|----|
| PLAINS ALL AMERN PIPELN | UNIT LTD PARTN | 726503105 | 370    | 6,417SH   | X |  |   |  | 01 |
| PLUM CREEK TIMBER CO    | COM            | 729251108 | 9,486  | 240,627SH | X |  |   |  | 01 |
| PLUM CREEK TIMBER CO    | COM            | 729251108 | 1,102  | 27,959SH  |   |  | X |  | 01 |
| POLO RALPH LAUREN CORP  | CL A           | 731572103 | 2,007  | 22,764SH  | X |  |   |  | 01 |
| POLO RALPH LAUREN CORP  | CL A           | 731572103 | 0      | 5SH       |   |  | X |  | 01 |
| POWELL INDS INC         | COM            | 739128106 | 893    | 27,900SH  |   |  | X |  | 01 |
| POWERSHARES ETF TRUST   | PRVT EQTY PORT | 73935X195 | 247    | 9,180SH   | X |  |   |  | 01 |
| POWERSHARES ETF TRUST   | HI YLD EQ DVDN | 73935X302 | 555    | 35,060SH  | X |  |   |  | 01 |
| POWERSHARES ETF TRUST   | WNRHLL CLN EN  | 73935X500 | 236    | 12,500SH  | X |  |   |  | 01 |
| POWERSHARES ETF TRUST   | FTSE US1500 SM | 73935X567 | 228    | 4,087SH   | X |  |   |  | 01 |
| POWERSHARES ETF TRUST   | WATER RESOURCE | 73935X575 | 377    | 20,150SH  | X |  |   |  | 01 |
| POWERSHARES ETF TRUST   | WATER RESOURCE | 73935X575 | 19     | 1,000SH   |   |  | X |  | 01 |
| POWERSHARES ETF TRUST   | FTSE RAFI 1000 | 73935X583 | 3,516  | 59,773SH  | X |  |   |  | 01 |
| POWERSHARES ETF TRUST   | FTSE RAFI 1000 | 73935X583 | 41     | 700SH     |   |  | X |  | 01 |
| POWERSHARES ETF TRUST   | DYN BIOT & GEN | 73935X856 | 180    | 10,000SH  | X |  |   |  | 01 |
| PRAXAIR INC             | COM            | 74005P104 | 5,442  | 86,442SH  | X |  |   |  | 01 |
| PRAXAIR INC             | COM            | 74005P104 | 702    | 11,148SH  |   |  | X |  | 01 |
| PRECISION CASTPARTS     | COM            | 740189105 | 5,818  | 55,912SH  | X |  |   |  | 01 |
| PRECISION CASTPARTS     | COM            | 740189105 | 66     | 638SH     |   |  | X |  | 01 |
| PRICE T ROWE GROUP INC  | COM            | 74144T108 | 2,391  | 50,664SH  | X |  |   |  | 01 |
| PRICE T ROWE GROUP INC  | COM            | 74144T108 | 232    | 4,922SH   |   |  | X |  | 01 |
| PRICELINE COM INC       | COM NEW        | 741503403 | 6,345  | 119,135SH | X |  |   |  | 01 |
| PRINCIPAL FINANCIAL GRP | COM            | 74251V102 | 1,035  | 17,292SH  | X |  |   |  | 01 |
| PRINCIPAL FINANCIAL GRP | COM            | 74251V102 | 140    | 2,332SH   |   |  | X |  | 01 |
| PROASSURANCE CORP       | COM            | 74267C106 | 222    | 4,345SH   | X |  |   |  | 01 |
| PROASSURANCE CORP       | COM            | 74267C106 | 24     | 470SH     |   |  | X |  | 01 |
| PROCTER & GAMBLE CO     | COM            | 742718109 | 50,376 | 797,596SH | X |  |   |  | 01 |
| PROCTER & GAMBLE CO     | COM            | 742718109 | 10,706 | 169,510SH |   |  | X |  | 01 |
| PROGRESS ENERGY INC     | COM            | 743263105 | 24,979 | 495,228SH | X |  |   |  | 01 |
| PROGRESS ENERGY INC     | COM            | 743263105 | 318    | 6,299SH   |   |  | X |  | 01 |
| PROGRESSIVE CORP OHIO   | COM            | 743315103 | 6,906  | 316,492SH | X |  |   |  | 01 |
| PROGRESSIVE CORP OHIO   | COM            | 743315103 | 381    | 17,446SH  |   |  | X |  | 01 |
| PROLIANCE INTL INC      | COM            | 74340R104 | 284    | 75,073SH  | X |  |   |  | 01 |
| PROLOGIS                | SH BEN INT     | 743410102 | 5,813  | 89,533SH  | X |  |   |  | 01 |
| PROLOGIS                | SH BEN INT     | 743410102 | 48     | 739SH     |   |  | X |  | 01 |
| PROTECTIVE LIFE CORP    | COM            | 743674103 | 11,552 | 262,307SH | X |  |   |  | 01 |
| PRUDENTIAL FINL INC     | COM            | 744320102 | 2,525  | 27,972SH  | X |  |   |  | 01 |
| PRUDENTIAL FINL INC     | COM            | 744320102 | 45     | 500SH     |   |  | X |  | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER        | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |         |          |           |    |
|-----------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------|----------|-----------|----|
|                       |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTHR (C) | OTHR MGRS |    |
| PSYCHIATRIC SOLUTIONS | COM            | 74439H108 | 6,095                  | 151,208SH       | X                        |         |          |           | 01 |
| PSYCHIATRIC SOLUTIONS | COM            | 74439H108 | 37                     | 928SH           |                          |         | X        |           | 01 |
| PUBLIC SVC ENTERPRISE | COM            | 744573106 | 750                    | 9,027SH         | X                        |         |          |           | 01 |
| PUBLIC SVC ENTERPRISE | COM            | 744573106 | 139                    | 1,676SH         |                          |         | X        |           | 01 |
| PUBLIC STORAGE INC    | COM            | 74460D109 | 463                    | 4,887SH         | X                        |         |          |           | 01 |
| PUBLIC STORAGE INC    | COM            | 74460D109 | 85                     | 896SH           |                          |         | X        |           | 01 |

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|                         |                |           |        |           |   |   |    |
|-------------------------|----------------|-----------|--------|-----------|---|---|----|
| PULTE HOMES INC         | COM            | 745867101 | 269    | 10,175SH  | X |   | 01 |
| PULTE HOMES INC         | COM            | 745867101 | 6      | 228SH     |   | X | 01 |
| QUALCOMM INC            | COM            | 747525103 | 12,071 | 282,950SH | X |   | 01 |
| QUALCOMM INC            | COM            | 747525103 | 1,463  | 34,292SH  |   | X | 01 |
| Q MED                   | COM            | 747914109 | 65     | 14,640SH  | X |   | 01 |
| QUEST DIAGNOSTICS INC   | COM            | 74834L100 | 212    | 4,252SH   | X |   | 01 |
| QUEST DIAGNOSTICS INC   | COM            | 74834L100 | 40     | 807SH     |   | X | 01 |
| QUESTAR CORP            | COM            | 748356102 | 228    | 2,553SH   | X |   | 01 |
| QUESTAR CORP            | COM            | 748356102 | 71     | 800SH     |   | X | 01 |
| QWEST COMMUNICATIONS    | COM            | 749121109 | 481    | 53,469SH  | X |   | 01 |
| QWEST COMMUNICATIONS    | COM            | 749121109 | 115    | 12,832SH  |   | X | 01 |
| RPM INTL INC            | COM            | 749685103 | 42     | 1,808SH   | X |   | 01 |
| RPM INTL INC            | COM            | 749685103 | 260    | 11,250SH  |   | X | 01 |
| RADIAN GROUP INC        | COM            | 750236101 | 587    | 10,704SH  | X |   | 01 |
| RADIAN GROUP INC        | COM            | 750236101 | 61     | 1,117SH   |   | X | 01 |
| RANGE RES CORP          | COM            | 75281A109 | 1,246  | 37,300SH  | X |   | 01 |
| RAYONIER INC            | COM            | 754907103 | 79     | 1,832SH   | X |   | 01 |
| RAYONIER INC            | COM            | 754907103 | 430    | 10,000SH  |   | X | 01 |
| RAYTHEON CO             | COM NEW        | 755111507 | 1,541  | 29,380SH  | X |   | 01 |
| RAYTHEON CO             | COM NEW        | 755111507 | 271    | 5,170SH   |   | X | 01 |
| REGAL BELOIT CORP       | COM            | 758750103 | 24,423 | 526,583SH | X |   | 01 |
| REGAL BELOIT CORP       | COM            | 758750103 | 382    | 8,246SH   |   | X | 01 |
| REGIONS FINANCIAL CORP  | COM            | 7591EP100 | 10,687 | 302,136SH | X |   | 01 |
| REGIONS FINANCIAL CORP  | COM            | 7591EP100 | 330    | 9,316SH   |   | X | 01 |
| REHABCARE GROUP INC     | COM            | 759148109 | 505    | 31,850SH  | X |   | 01 |
| RENT A CTR INC NEW      | COM            | 76009N100 | 3,342  | 119,443SH | X |   | 01 |
| RENT A CTR INC NEW      | COM            | 76009N100 | 28     | 1,000SH   |   | X | 01 |
| REPUBLIC SVCS INC       | COM            | 760759100 | 9,168  | 329,539SH | X |   | 01 |
| REPUBLIC SVCS INC       | COM            | 760759100 | 116    | 4,155SH   |   | X | 01 |
| RESMED INC              | COM            | 761152107 | 1,575  | 31,259SH  | X |   | 01 |
| RESMED INC              | COM            | 761152107 | 129    | 2,558SH   |   | X | 01 |
| RETAIL HOLDERS TR       | DEP RCPT       | 76127U101 | 424    | 4,200SH   | X |   | 01 |
| REYNOLDS AMERICAN INC   | COM            | 761713106 | 6,666  | 106,811SH | X |   | 01 |
| REYNOLDS AMERICAN INC   | COM            | 761713106 | 156    | 2,503SH   |   | X | 01 |
| RIO TINTO PLC           | SPONSORED ADR  | 767204100 | 214    | 939SH     | X |   | 01 |
| RIO TINTO PLC           | SPONSORED ADR  | 767204100 | 860    | 3,773SH   |   | X | 01 |
| RITE AID CORP           | COM            | 767754104 | 70     | 12,164SH  | X |   | 01 |
| RITE AID CORP           | COM            | 767754104 | 4      | 740SH     |   | X | 01 |
| ROBERT HALF INTL INC    | COM            | 770323103 | 414    | 11,184SH  | X |   | 01 |
| ROBERT HALF INTL INC    | COM            | 770323103 | 3      | 71SH      |   | X | 01 |
| ROCKWELL AUTOMATION INC | COM            | 773903109 | 1,925  | 32,152SH  | X |   | 01 |
| ROCKWELL AUTOMATION INC | COM            | 773903109 | 397    | 6,639SH   |   | X | 01 |
| ROCKWELL COLLINS INC    | COM            | 774341101 | 4,844  | 72,371SH  | X |   | 01 |
| ROCKWELL COLLINS INC    | COM            | 774341101 | 402    | 5,999SH   |   | X | 01 |
| ROGERS CORP             | COM            | 775133101 | 274    | 6,185SH   | X |   | 01 |
| ROPER INDS INC NEW      | COM            | 776696106 | 2,320  | 42,270SH  | X |   | 01 |
| ROSS STORES INC         | COM            | 778296103 | 11,277 | 327,832SH | X |   | 01 |
| ROYAL DUTCH SHELL PLC   | SPON ADR B     | 780259107 | 555    | 8,326SH   | X |   | 01 |
| ROYAL DUTCH SHELL PLC   | SPON ADR B     | 780259107 | 677    | 10,161SH  |   | X | 01 |
| ROYAL DUTCH SHELL PLC   | SPONS ADR A    | 780259206 | 6,235  | 94,046SH  | X |   | 01 |
| ROYAL DUTCH SHELL PLC   | SPONS ADR A    | 780259206 | 2,123  | 32,027SH  |   | X | 01 |
| RUBY TUESDAY INC        | COM            | 781182100 | 187    | 6,540SH   | X |   | 01 |
| RUBY TUESDAY INC        | COM            | 781182100 | 30     | 1,050SH   |   | X | 01 |
| RYDER SYS INC           | COM            | 783549108 | 372    | 7,532SH   | X |   | 01 |
| RYDER SYS INC           | COM            | 783549108 | 10     | 200SH     |   | X | 01 |
| RYDEX ETF TRUST         | S&P 500 EQ TRD | 78355W106 | 760    | 15,654SH  | X |   | 01 |
| RYDEX ETF TRUST         | S&P 500 EQ TRD | 78355W106 | 125    | 2,584SH   |   | X | 01 |
| SBA COMMUNICATIONS CORP | COM            | 78388J106 | 2,376  | 80,417SH  | X |   | 01 |
| SBA COMMUNICATIONS CORP | COM            | 78388J106 | 59     | 2,000SH   |   | X | 01 |
| SEI INVESTMENTS CO      | COM            | 784117103 | 293    | 4,858SH   | X |   | 01 |
| SEI INVESTMENTS CO      | COM            | 784117103 | 72     | 1,200SH   |   | X | 01 |
| SK TELECOM LTD          | SPONSORED ADR  | 78440P108 | 155    | 6,615SH   | X |   | 01 |

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|                      |               |           |        |           |   |   |    |
|----------------------|---------------|-----------|--------|-----------|---|---|----|
| SK TELECOM LTD       | SPONSORED ADR | 78440P108 | 54     | 2,291SH   |   | X | 01 |
| SLM CORP             | COM           | 78442P106 | 229    | 5,597SH   | X |   | 01 |
| SLM CORP             | COM           | 78442P106 | 5      | 113SH     |   | X | 01 |
| SPDR TR              | UNIT SER 1    | 78462F103 | 30,917 | 217,725SH | X |   | 01 |
| SPDR TR              | UNIT SER 1    | 78462F103 | 3,270  | 23,028SH  |   | X | 01 |
| SPSS INC             | COM           | 78462K102 | 1,397  | 38,707SH  | X |   | 01 |
| SPX CORP             | COM           | 784635104 | 263    | 3,746SH   | X |   | 01 |
| SABRE HLDGS CORP     | CL A          | 785905100 | 434    | 13,243SH  | X |   | 01 |
| SABRE HLDGS CORP     | CL A          | 785905100 | 4      | 125SH     |   | X | 01 |
| SAFECO CORP          | COM           | 786429100 | 546    | 8,225SH   | X |   | 01 |
| SAFECO CORP          | COM           | 786429100 | 7      | 109SH     |   | X | 01 |
| SAFEWAY INC          | COM NEW       | 786514208 | 438    | 11,954SH  | X |   | 01 |
| SAFEWAY INC          | COM NEW       | 786514208 | 18     | 500SH     |   | X | 01 |
| ST JUDE MED INC      | COM           | 790849103 | 403    | 10,709SH  | X |   | 01 |
| ST JUDE MED INC      | COM           | 790849103 | 104    | 2,777SH   |   | X | 01 |
| ST MARY LD & EXPL CO | COM           | 792228108 | 6,765  | 184,426SH | X |   | 01 |
| SAKS INC             | COM           | 79377W108 | 320    | 15,336SH  | X |   | 01 |
| SANDISK CORP         | COM           | 80004C101 | 1,177  | 26,879SH  | X |   | 01 |
| SANDISK CORP         | COM           | 80004C101 | 0      | 10SH      |   | X | 01 |
| SANMINA SCI CORP     | COM           | 800907107 | 47     | 13,083SH  | X |   | 01 |
| SANOFI AVENTIS       | SPONSORED ADR | 80105N105 | 1,813  | 41,660SH  | X |   | 01 |
| SANOFI AVENTIS       | SPONSORED ADR | 80105N105 | 189    | 4,355SH   |   | X | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
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- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER         | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |               |           |            |
|------------------------|----------------|-----------|------------------------|-----------------|--------------------------|---------------|-----------|------------|
|                        |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR OTHER (B) | OTHER (C) | OTHER MGRS |
| SAP AKTIENGESELLSCHAFT | SPONSORED ADR  | 803054204 | 509                    | 11,410SH        | X                        |               |           | 01         |
| SAP AKTIENGESELLSCHAFT | SPONSORED ADR  | 803054204 | 340                    | 7,615SH         |                          |               | X         | 01         |
| SARA LEE CORP          | COM            | 803111103 | 4,093                  | 241,897SH       | X                        |               |           | 01         |
| SARA LEE CORP          | COM            | 803111103 | 357                    | 21,116SH        |                          |               | X         | 01         |
| SATYAM COMPUTER SRVCS  | ADR            | 804098101 | 1,289                  | 56,803SH        | X                        |               |           | 01         |
| SATYAM COMPUTER SRVCS  | ADR            | 804098101 | 507                    | 22,350SH        |                          |               | X         | 01         |
| SAVVIS INC             | COM NEW        | 805423308 | 2,714                  | 56,681SH        | X                        |               |           | 01         |
| SCANA CORP NEW         | COM            | 80589M102 | 271                    | 6,267SH         | X                        |               |           | 01         |
| SCANA CORP NEW         | COM            | 80589M102 | 39                     | 895SH           |                          |               | X         | 01         |
| SCHEIN HENRY INC       | COM            | 806407102 | 189                    | 3,433SH         | X                        |               |           | 01         |
| SCHEIN HENRY INC       | COM            | 806407102 | 22                     | 400SH           |                          |               | X         | 01         |
| SCHERING PLOUGH CORP   | COM            | 806605101 | 3,169                  | 124,235SH       | X                        |               |           | 01         |
| SCHERING PLOUGH CORP   | COM            | 806605101 | 202                    | 7,912SH         |                          |               | X         | 01         |
| SCHLUMBERGER LTD       | COM            | 806857108 | 8,120                  | 117,517SH       | X                        |               |           | 01         |
| SCHLUMBERGER LTD       | COM            | 806857108 | 2,435                  | 35,240SH        |                          |               | X         | 01         |
| SCHWAB CHARLES CORP    | COM            | 808513105 | 1,002                  | 54,799SH        | X                        |               |           | 01         |
| SCHWAB CHARLES CORP    | COM            | 808513105 | 44                     | 2,430SH         |                          |               | X         | 01         |
| SCIELE PHARMA INC      | COM            | 808627103 | 215                    | 9,093SH         | X                        |               |           | 01         |
| SCIELE PHARMA INC      | COM            | 808627103 | 35                     | 1,459SH         |                          |               | X         | 01         |
| SCOTTISH PWR PLC       | SP ADR FNL NEW | 81013T804 | 226                    | 3,599SH         | X                        |               |           | 01         |
| SCOTTISH PWR PLC       | SP ADR FNL NEW | 81013T804 | 17                     | 264SH           |                          |               | X         | 01         |
| SEALED AIR CORP NEW    | COM            | 81211K100 | 8,791                  | 278,203SH       | X                        |               |           | 01         |

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|                         |                |           |        |           |   |   |    |
|-------------------------|----------------|-----------|--------|-----------|---|---|----|
| SEALED AIR CORP NEW     | COM            | 81211K100 | 146    | 4,620SH   |   | X | 01 |
| SEARS HLDGS CORP        | COM            | 812350106 | 7,416  | 41,165SH  | X |   | 01 |
| SEARS HLDGS CORP        | COM            | 812350106 | 32     | 180SH     |   | X | 01 |
| SELECT SECTOR SPDR TR   | SBI HEALTHCARE | 81369Y209 | 303    | 9,007SH   | X |   | 01 |
| SELECT SECTOR SPDR TR   | SBI HEALTHCARE | 81369Y209 | 8      | 240SH     |   | X | 01 |
| SELECT SECTOR SPDR TR   | SBI CONS STPLS | 81369Y308 | 515    | 19,321SH  | X |   | 01 |
| SELECT SECTOR SPDR TR   | SBI INT-FINL   | 81369Y605 | 346    | 9,703SH   | X |   | 01 |
| SELECT SECTOR SPDR TR   | SBI INT-TECH   | 81369Y803 | 375    | 16,071SH  | X |   | 01 |
| SELECT SECTOR SPDR TR   | SBI INT-TECH   | 81369Y803 | 137    | 5,892SH   |   | X | 01 |
| SELECT SECTOR SPDR TR   | SBI INT-UTILS  | 81369Y886 | 226    | 5,698SH   | X |   | 01 |
| SELECT SECTOR SPDR TR   | SBI INT-UTILS  | 81369Y886 | 58     | 1,461SH   |   | X | 01 |
| SEMPRA ENERGY           | COM            | 816851109 | 547    | 8,965SH   | X |   | 01 |
| SEMPRA ENERGY           | COM            | 816851109 | 114    | 1,876SH   |   | X | 01 |
| SENSIENT TECHNOLOGIES   | COM            | 81725T100 | 560    | 21,723SH  | X |   | 01 |
| SENSIENT TECHNOLOGIES   | COM            | 81725T100 | 171    | 6,650SH   |   | X | 01 |
| SEPRACOR INC            | COM            | 817315104 | 2,328  | 49,935SH  | X |   | 01 |
| SERVICEMASTER CO        | COM            | 81760N109 | 154    | 10,014SH  | X |   | 01 |
| SERVICEMASTER CO        | COM            | 81760N109 | 44     | 2,845SH   |   | X | 01 |
| SHERWIN WILLIAMS CO     | COM            | 824348106 | 6,949  | 105,224SH | X |   | 01 |
| SHERWIN WILLIAMS CO     | COM            | 824348106 | 64     | 963SH     |   | X | 01 |
| SHIRE PLC               | SPONSORED ADR  | 82481R106 | 2,026  | 32,723SH  | X |   | 01 |
| SIEMENS A G             | SPONSORED ADR  | 826197501 | 286    | 2,667SH   | X |   | 01 |
| SIEMENS A G             | SPONSORED ADR  | 826197501 | 529    | 4,934SH   |   | X | 01 |
| SIGMA ALDRICH CORP      | COM            | 826552101 | 1,902  | 45,817SH  | X |   | 01 |
| SIGMA ALDRICH CORP      | COM            | 826552101 | 127    | 3,054SH   |   | X | 01 |
| SILICON MOTION TECHNLY  | SPONSORED ADR  | 82706C108 | 2,410  | 106,994SH | X |   | 01 |
| SIMON PPTY GROUP INC    | COM            | 828806109 | 7,143  | 64,206SH  | X |   | 01 |
| SIMON PPTY GROUP INC    | COM            | 828806109 | 1,390  | 12,492SH  |   | X | 01 |
| SINCLAIR BROADCAST GRP  | CL A           | 829226109 | 205    | 13,250SH  | X |   | 01 |
| SIRIUS SATELLITE RADIO  | COM            | 82966U103 | 33     | 10,400SH  | X |   | 01 |
| SIRIUS SATELLITE RADIO  | COM            | 82966U103 | 13     | 4,000SH   |   | X | 01 |
| SKYWORKS SOLUTIONS INC  | COM            | 83088M102 | 85     | 14,758SH  | X |   | 01 |
| SMITH & NEPHEW PLC      | SPDN ADR NEW   | 83175M205 | 204    | 3,210SH   | X |   | 01 |
| SMITH & WESSON HLDG     | COM            | 831756101 | 2,783  | 212,640SH | X |   | 01 |
| SMITH A O               | COM            | 831865209 | 155    | 4,045SH   | X |   | 01 |
| SMITH A O               | COM            | 831865209 | 248    | 6,500SH   |   | X | 01 |
| SMITH INTL INC          | COM            | 832110100 | 300    | 6,244SH   | X |   | 01 |
| SMITHFIELD FOODS INC    | COM            | 832248108 | 538    | 17,974SH  | X |   | 01 |
| SMUCKER J M CO          | COM NEW        | 832696405 | 107    | 2,002SH   | X |   | 01 |
| SMUCKER J M CO          | COM NEW        | 832696405 | 366    | 6,870SH   |   | X | 01 |
| SNAP ON INC             | COM            | 833034101 | 5,986  | 124,452SH | X |   | 01 |
| SNAP ON INC             | COM            | 833034101 | 495    | 10,300SH  |   | X | 01 |
| SOLETRON CORP           | COM            | 834182107 | 56     | 17,805SH  | X |   | 01 |
| SONY CORP               | ADR NEW        | 835699307 | 2,371  | 46,966SH  | X |   | 01 |
| SONY CORP               | ADR NEW        | 835699307 | 38     | 750SH     |   | X | 01 |
| SOUTH FINL GROUP INC    | COM            | 837841105 | 215    | 8,696SH   | X |   | 01 |
| SOUTHERN CO             | COM            | 842587107 | 9,338  | 254,786SH | X |   | 01 |
| SOUTHERN CO             | COM            | 842587107 | 645    | 17,591SH  |   | X | 01 |
| SOUTHWEST AIRLS CO      | COM            | 844741108 | 10,607 | 721,574SH | X |   | 01 |
| SOUTHWEST AIRLS CO      | COM            | 844741108 | 1      | 35SH      |   | X | 01 |
| SOUTHWESTERN ENERGY CO  | COM            | 845467109 | 2,247  | 54,825SH  | X |   | 01 |
| SOVEREIGN BANCORP INC   | COM            | 845905108 | 845    | 33,202SH  | X |   | 01 |
| SPARTAN STORES INC      | COM            | 846822104 | 1,525  | 56,914SH  | X |   | 01 |
| SPECTRA ENERGY CORP     | COM            | 847560109 | 840    | 31,984SH  | X |   | 01 |
| SPECTRA ENERGY CORP     | COM            | 847560109 | 96     | 3,672SH   |   | X | 01 |
| SPIRIT AEROSYSTEMS      | COM CL A       | 848574109 | 1,436  | 45,094SH  | X |   | 01 |
| SPRINT NEXTEL CORP      | COM FON        | 852061100 | 5,675  | 299,324SH | X |   | 01 |
| SPRINT NEXTEL CORP      | COM FON        | 852061100 | 465    | 24,519SH  |   | X | 01 |
| STANCORP FINL GROUP INC | COM            | 852891100 | 5,545  | 112,764SH | X |   | 01 |
| STANLEY INC             | COM            | 854532108 | 1,937  | 124,173SH | X |   | 01 |
| STAPLES INC             | COM            | 855030102 | 2,636  | 102,022SH | X |   | 01 |
| STAPLES INC             | COM            | 855030102 | 269    | 10,410SH  |   | X | 01 |

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|                         |     |           |        |           |   |  |   |    |
|-------------------------|-----|-----------|--------|-----------|---|--|---|----|
| STARBUCKS CORP          | COM | 855244109 | 2,244  | 71,560SH  | X |  |   | 01 |
| STARBUCKS CORP          | COM | 855244109 | 812    | 25,878SH  |   |  | X | 01 |
| STATE AUTO FINL CORP    | COM | 855707105 | 303    | 9,427SH   | X |  |   | 01 |
| STARWOOD HOTELS&RESORTS | COM | 85590A401 | 836    | 12,894SH  | X |  |   | 01 |
| STARWOOD HOTELS&RESORTS | COM | 85590A401 | 30     | 462SH     |   |  | X | 01 |
| STATE STR CORP          | COM | 857477103 | 11,817 | 182,500SH | X |  |   | 01 |

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| NAME OF ISSUER         | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION |         |          | OTHER MGRS |
|------------------------|----------------|-----------|------------------------|-----------------|-----------------------|---------|----------|------------|
|                        |                |           |                        |                 | SH/PUT/SOLE CALL (A)  | SHR (B) | OTHR (C) |            |
| STATE STR CORP         | COM            | 857477103 | 23                     | 352SH           |                       |         | X        | 01         |
| STERICYCLE INC         | COM            | 858912108 | 312                    | 3,823SH         | X                     |         |          | 01         |
| STERICYCLE INC         | COM            | 858912108 | 47                     | 580SH           |                       |         | X        | 01         |
| STMICROELECTRONICS N V | NY REGISTRY    | 861012102 |                        | 966 50,325SH    |                       |         | X        |            |
| STMICROELECTRONICS N V | NY REGISTRY    | 861012102 | 6                      | 330SH           |                       |         | X        | 01         |
| STORA ENSO CORP        | SPON ADR REP R | 86210M106 | 1,367                  | 79,168SH        | X                     |         |          | 01         |
| STORA ENSO CORP        | SPON ADR REP R | 86210M106 | 711                    | 41,145SH        |                       |         | X        | 01         |
| STREETTRACKS SER TR    | SPDR S&P MTL   | 86330E646 | 205                    | 3,578SH         | X                     |         |          | 01         |
| STRYKER CORP           | COM            | 863667101 | 12,281                 | 185,175SH       | X                     |         |          | 01         |
| STRYKER CORP           | COM            | 863667101 | 764                    | 11,525SH        |                       |         | X        | 01         |
| SUN MICROSYSTEMS INC   | COM            | 866810104 | 1,746                  | 290,580SH       | X                     |         |          | 01         |
| SUN MICROSYSTEMS INC   | COM            | 866810104 | 54                     | 8,939SH         |                       |         | X        | 01         |
| SUN HEALTHCARE GROUP   | COM NEW        | 866933401 | 2,437                  | 197,327SH       | X                     |         |          | 01         |
| SUNCOR ENERGY INC      | COM            | 867229106 | 762                    | 9,980SH         | X                     |         |          | 01         |
| SUNCOR ENERGY INC      | COM            | 867229106 | 436                    | 5,709SH         |                       |         | X        | 01         |
| SUNOCO INC             | COM            | 86764P109 | 1,221                  | 17,339SH        | X                     |         |          | 01         |
| SUNOCO INC             | COM            | 86764P109 | 137                    | 1,952SH         |                       |         | X        | 01         |
| SUNRISE SENIOR LIVING  | COM            | 86768K106 | 3,674                  | 92,978SH        | X                     |         |          | 01         |
| SUNRISE SENIOR LIVING  | COM            | 86768K106 | 16                     | 415SH           |                       |         | X        | 01         |
| SUNTRUST BKS INC       | COM            | 867914103 | 1,806                  | 21,748SH        | X                     |         |          | 01         |
| SUNTRUST BKS INC       | COM            | 867914103 | 42                     | 507SH           |                       |         | X        | 01         |
| SUPERIOR ENERGY SVCS   | COM            | 868157108 | 315                    | 9,139SH         | X                     |         |          | 01         |
| SUPERVALU INC          | COM            | 868536103 | 5,060                  | 129,519SH       | X                     |         |          | 01         |
| SUPERVALU INC          | COM            | 868536103 | 83                     | 2,125SH         |                       |         | X        | 01         |
| SWISSCOM AG            | SPONSORED ADR  | 871013108 | 151                    | 4,165SH         | X                     |         |          | 01         |
| SWISSCOM AG            | SPONSORED ADR  | 871013108 | 688                    | 19,023SH        |                       |         | X        | 01         |
| SYCAMORE NETWORKS INC  | COM            | 871206108 | 84                     | 22,375SH        | X                     |         |          | 01         |
| SYMANTEC CORP          | COM            | 871503108 | 1,658                  | 95,837SH        | X                     |         |          | 01         |
| SYMANTEC CORP          | COM            | 871503108 | 9                      | 547SH           |                       |         | X        | 01         |
| SYNGENTA AG            | SPONSORED ADR  | 87160A100 | 278                    | 7,300SH         | X                     |         |          | 01         |
| SYNGENTA AG            | SPONSORED ADR  | 87160A100 | 14                     | 379SH           |                       |         | X        | 01         |
| SYNOVUS INC            | COM            | 871607107 | 11,411                 | 435,033SH       | X                     |         |          | 01         |
| SYNOVUS FINL CORP      | COM            | 87161C105 | 3,756                  | 116,138SH       | X                     |         |          | 01         |
| SYNOVUS FINL CORP      | COM            | 87161C105 | 300                    | 9,269SH         |                       |         | X        | 01         |
| SYNTEL INC             | COM            | 87162H103 | 1,896                  | 54,714SH        | X                     |         |          | 01         |
| SYSCO CORP             | COM            | 871829107 | 2,426                  | 71,704SH        | X                     |         |          | 01         |
| SYSCO CORP             | COM            | 871829107 | 1,745                  | 51,567SH        |                       |         | X        | 01         |
| TECO ENERGY INC        | COM            | 872375100 | 2,829                  | 164,374SH       | X                     |         |          | 01         |



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|                       |                |           |        |           |   |  |   |    |
|-----------------------|----------------|-----------|--------|-----------|---|--|---|----|
| TECO ENERGY INC       | COM            | 872375100 | 10     | 600SH     |   |  | X | 01 |
| THQ INC               | COM NEW        | 872443403 | 2,347  | 68,656SH  | X |  |   | 01 |
| TJX COS INC NEW       | COM            | 872540109 | 2,771  | 102,775SH | X |  |   | 01 |
| TJX COS INC NEW       | COM            | 872540109 | 45     | 1,681SH   |   |  | X | 01 |
| TXU CORP              | COM            | 873168108 | 2,582  | 40,284SH  | X |  |   | 01 |
| TXU CORP              | COM            | 873168108 | 160    | 2,503SH   |   |  | X | 01 |
| TAIWAN SEMICONDUCTOR  | SPONSORED ADR  | 874039100 | 122    | 11,304SH  | X |  |   | 01 |
| TALEO CORP            | CL A           | 87424N104 | 1,416  | 85,413SH  | X |  |   | 01 |
| TALISMAN ENERGY INC   | COM            | 87425E103 | 288    | 16,385SH  | X |  |   | 01 |
| TALISMAN ENERGY INC   | COM            | 87425E103 | 137    | 7,830SH   |   |  | X | 01 |
| TARGET CORP           | COM            | 87612E106 | 7,391  | 124,722SH | X |  |   | 01 |
| TARGET CORP           | COM            | 87612E106 | 3,504  | 59,134SH  |   |  | X | 01 |
| TEAM FINANCIAL INC    | COM            | 87815X109 | 258    | 17,000SH  | X |  |   | 01 |
| TECHNE CORP           | COM            | 878377100 | 70     | 1,232SH   | X |  |   | 01 |
| TECHNE CORP           | COM            | 878377100 | 286    | 5,000SH   |   |  | X | 01 |
| TECHNIP NEW           | SPONSORED ADR  | 878546209 | 271    | 3,715SH   |   |  | X | 01 |
| TEKELEC               | COM            | 879101103 | 277    | 18,600SH  | X |  |   | 01 |
| TELECOM ITALIA S P A  | SPON ADR SVGS  | 87927Y201 | 834    | 33,815SH  |   |  | X | 01 |
| TELECOM CORP NEW ZLND | SPONSORED ADR  | 879278208 | 477    | 17,537SH  | X |  |   | 01 |
| TELEFONICA S A        | SPONSORED ADR  | 879382208 | 425    | 6,403SH   | X |  |   | 01 |
| TELEFONICA S A        | SPONSORED ADR  | 879382208 | 7      | 111SH     |   |  | X | 01 |
| TELEFONOS DE MEXICO   | SPON ADR ORD L | 879403780 | 283    | 8,488SH   | X |  |   | 01 |
| TELEPHONE & DATA SYS  | COM            | 879433100 | 1,027  | 17,233SH  | X |  |   | 01 |
| TELLABS INC           | COM            | 879664100 | 378    | 38,198SH  | X |  |   | 01 |
| TEMPLE INLAND INC     | COM            | 879868107 | 691    | 11,563SH  | X |  |   | 01 |
| TEMPLE INLAND INC     | COM            | 879868107 | 6      | 95SH      |   |  | X | 01 |
| TELETECH HOLDINGS INC | COM            | 879939106 | 5,228  | 142,493SH | X |  |   | 01 |
| TELETECH HOLDINGS INC | COM            | 879939106 | 16     | 431SH     |   |  | X | 01 |
| TEMPUR PEDIC INTL INC | COM            | 88023U101 | 5,713  | 219,808SH | X |  |   | 01 |
| TENARIS S A           | SPONSORED ADR  | 88031M109 | 188    | 4,102SH   | X |  |   | 01 |
| TENARIS S A           | SPONSORED ADR  | 88031M109 | 14     | 311SH     |   |  | X | 01 |
| TEVA PHARMACEUTICAL   | ADR            | 881624209 | 2,787  | 74,446SH  | X |  |   | 01 |
| TEVA PHARMACEUTICAL   | ADR            | 881624209 | 622    | 16,626SH  |   |  | X | 01 |
| TESSERA TECHNOLOGIES  | COM            | 88164L100 | 1,839  | 46,270SH  | X |  |   | 01 |
| TEXAS INSTRS INC      | COM            | 882508104 | 7,120  | 236,549SH | X |  |   | 01 |
| TEXAS INSTRS INC      | COM            | 882508104 | 799    | 26,539SH  |   |  | X | 01 |
| TEXTRON INC           | COM            | 883203101 | 1,295  | 14,420SH  | X |  |   | 01 |
| TEXTRON INC           | COM            | 883203101 | 89     | 988SH     |   |  | X | 01 |
| THERMO FISHER SCNTFC  | COM            | 883556102 | 13,206 | 282,485SH | X |  |   | 01 |
| THERMO FISHER SCNTFC  | COM            | 883556102 | 68     | 1,457SH   |   |  | X | 01 |
| THIRD WAVE TECHNLS    | COM            | 88428W108 | 15     | 3,000SH   | X |  |   | 01 |
| THIRD WAVE TECHNLS    | COM            | 88428W108 | 102    | 20,000SH  |   |  | X | 01 |
| 3M CO                 | COM            | 88579Y101 | 20,964 | 274,289SH | X |  |   | 01 |
| 3M CO                 | COM            | 88579Y101 | 5,134  | 67,174SH  |   |  | X | 01 |
| TIME WARNER INC       | COM            | 887317105 | 14,948 | 757,997SH | X |  |   | 01 |
| TIME WARNER INC       | COM            | 887317105 | 1,015  | 51,462SH  |   |  | X | 01 |
| TOMKINS PLC           | SPONSORED ADR  | 890030208 | 2      | 100SH     | X |  |   | 01 |
| TOMKINS PLC           | SPONSORED ADR  | 890030208 | 480    | 22,808SH  |   |  | X | 01 |
| TOPPS INC             | COM            | 890786106 | 2,449  | 251,967SH | X |  |   | 01 |
| TORCHMARK CORP        | COM            | 891027104 | 704    | 10,739SH  | X |  |   | 01 |
| TORCHMARK CORP        | COM            | 891027104 | 19     | 291SH     |   |  | X | 01 |
| TOTAL S A             | SPONSORED ADR  | 89151E109 | 172    | 2,465SH   | X |  |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

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| ----- COLUMN 1 ----- COLUMN 2 ----- COLUMN 3 ----- COLUMN 4 ----- COLUMN 5 ----- COLUMN 6 ----- COLUMN 7 ----- |                |           |                        |                 |                          |         |          |           |      |    |
|--|----------------|-----------|------------------------|-----------------|--------------------------|---------|----------|-----------|------|----|
| NAME OF ISSUER   | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION    |         |          |           |      |    |
|  |                |           |                        |                 | SH/PUT/SOLE PRN CALL (A) | SHR (B) | OTHR (C) | OTHR MGRS | OTHR |    |
| TOTAL S A  | SPONSORED ADR  | 89151E109 | 509                    | 7,300SH         |                          |         |          |           | X    | 01 |
| TOWER GROUP INC  | COM            | 891777104 | 2,287                  | 70,977SH        | X                        |         |          |           |      | 01 |
| TOWER GROUP INC  | COM            | 891777104 | 7                      | 230SH           |                          |         |          |           | X    | 01 |
| TOTAL SYS SVCS INC   | COM            | 891906109 | 223                    | 7,000SH         |                          |         |          |           | X    | 01 |
| TOYOTA MOTOR CORP  | SP ADR REP2COM | 892331307 | 203                    | 1,582SH         | X                        |         |          |           |      | 01 |
| TOYOTA MOTOR CORP  | SP ADR REP2COM | 892331307 | 190                    | 1,482SH         |                          |         |          |           | X    | 01 |
| TRANSACT TECHNOLOGIES  | COM            | 892918103 | 139                    | 20,000SH        | X                        |         |          |           |      | 01 |
| TRANSDIGM GROUP INC  | COM            | 893641100 | 2,891                  | 79,477SH        | X                        |         |          |           |      | 01 |
| TRAVELERS COMPANIES INC  | COM            | 89417E109 | 12,473                 | 240,938SH       | X                        |         |          |           |      | 01 |
| TRAVELERS COMPANIES INC  | COM            | 89417E109 | 99                     | 1,909SH         |                          |         |          |           | X    | 01 |
| TUPPERWARE BRANDS CORP   | COM            | 899896104 | 189                    | 7,573SH         | X                        |         |          |           |      | 01 |
| TUPPERWARE BRANDS CORP   | COM            | 899896104 | 307                    | 12,320SH        |                          |         |          |           | X    | 01 |
| TURBOCHEF TECHNOLOGIES   | COM NEW        | 900006206 | 1,799                  | 118,224SH       | X                        |         |          |           |      | 01 |
| TWEEN BRANDS INC   | COM            | 901166108 | 260                    | 7,270SH         | X                        |         |          |           |      | 01 |
| TWIN DISC INC  | COM            | 901476101 | 254                    | 5,946SH         |                          |         |          |           | X    | 01 |
| TYCO INTL LTD NEW  | COM            | 902124106 | 3,550                  | 112,504SH       | X                        |         |          |           |      | 01 |
| TYCO INTL LTD NEW  | COM            | 902124106 | 359                    | 11,376SH        |                          |         |          |           | X    | 01 |
| UGI CORP NEW   | COM            | 902681105 | 224                    | 8,392SH         | X                        |         |          |           |      | 01 |
| UST INC  | COM            | 902911106 | 9,130                  | 157,464SH       | X                        |         |          |           |      | 01 |
| UST INC  | COM            | 902911106 | 189                    | 3,266SH         |                          |         |          |           | X    | 01 |
| US BANCORP DEL   | COM NEW        | 902973304 | 33,614                 | 961,214SH       | X                        |         |          |           |      | 01 |
| US BANCORP DEL   | COM NEW        | 902973304 | 4,622                  | 132,170SH       |                          |         |          |           | X    | 01 |
| UAP HLDG CORP  | COM            | 903441103 | 5,176                  | 200,225SH       | X                        |         |          |           |      | 01 |
| ULTRA PETROLEUM CORP   | COM            | 903914109 | 1,437                  | 27,052SH        | X                        |         |          |           |      | 01 |
| ULTRA PETROLEUM CORP   | COM            | 903914109 | 97                     | 1,820SH         |                          |         |          |           | X    | 01 |
| UNILEVER N V   | N Y SHS NEW    | 904784709 | 273                    | 9,360SH         | X                        |         |          |           |      | 01 |
| UNILEVER N V   | N Y SHS NEW    | 904784709 | 98                     | 3,365SH         |                          |         |          |           | X    | 01 |
| UNION PAC CORP   | COM            | 907818108 | 2,096                  | 20,643SH        | X                        |         |          |           |      | 01 |
| UNION PAC CORP   | COM            | 907818108 | 559                    | 5,507SH         |                          |         |          |           | X    | 01 |
| UNIT CORP  | COM            | 909218109 | 811                    | 16,027SH        | X                        |         |          |           |      | 01 |
| UNITED AMER INDEMNITY  | CL A           | 90933T109 | 257                    | 11,090SH        | X                        |         |          |           |      | 01 |
| UNITED AMER INDEMNITY  | CL A           | 90933T109 |                        | 12              | 538SH                    |         |          |           |      | X  |
| UNITED PARCEL SERVICE  | CL B           | 911312106 | 8,137                  | 116,070SH       | X                        |         |          |           |      | 01 |
| UNITED PARCEL SERVICE  | CL B           | 911312106 | 795                    | 11,336SH        |                          |         |          |           | X    | 01 |
| UNITED STATES STL CORP   | COM            | 912909108 | 317                    | 3,199SH         | X                        |         |          |           |      | 01 |
| UNITED STATES STL CORP   | COM            | 912909108 | 165                    | 1,664SH         |                          |         |          |           | X    | 01 |
| UNITED TECHNOLOGIES  | COM            | 913017109 | 7,190                  | 110,618SH       | X                        |         |          |           |      | 01 |
| UNITED TECHNOLOGIES  | COM            | 913017109 | 3,432                  | 52,797SH        |                          |         |          |           | X    | 01 |
| UNITED UTILS PLC   | SPONSORED ADR  | 91311Q105 | 467                    | 15,734SH        |                          |         |          |           | X    | 01 |
| UNITEDHEALTH GROUP INC   | COM            | 91324P102 | 3,603                  | 68,022SH        | X                        |         |          |           |      | 01 |
| UNITEDHEALTH GROUP INC   | COM            | 91324P102 | 1,197                  | 22,605SH        |                          |         |          |           | X    | 01 |
| UNIVERSAL COMPRESSION  | COM            | 913431102 | 223                    | 3,290SH         | X                        |         |          |           |      | 01 |
| UNIVERSAL HLTH SVCS INC  | CL B           | 913903100 | 321                    | 5,600SH         | X                        |         |          |           |      | 01 |
| UNIVERSAL HLTH SVCS INC  | CL B           | 913903100 | 19                     | 327SH           |                          |         |          |           | X    | 01 |
| V F CORP   | COM            | 918204108 | 5,092                  | 61,637SH        | X                        |         |          |           |      | 01 |
| V F CORP   | COM            | 918204108 | 154                    | 1,860SH         |                          |         |          |           | X    | 01 |
| VAIL RESORTS INC   | COM            | 91879Q109 | 3,193                  | 58,768SH        | X                        |         |          |           |      | 01 |
| VALERO ENERGY CORP NEW   | COM            | 91913Y100 | 3,705                  | 57,453SH        | X                        |         |          |           |      | 01 |
| VALERO ENERGY CORP NEW   | COM            | 91913Y100 | 162                    | 2,512SH         |                          |         |          |           | X    | 01 |
| VALSPAR CORP   | COM            | 920355104 | 10,744                 | 386,076SH       | X                        |         |          |           |      | 01 |
| VALUECLICK INC   | COM            | 92046N102 | 2,668                  | 102,106SH       | X                        |         |          |           |      | 01 |
| VAN KAMPEN TR INVT GRD   | COM            | 920929106 | 515                    | 32,762SH        | X                        |         |          |           |      | 01 |
| VAN KAMPEN TR INVT GRD   | COM            | 920929106 | 518                    | 33,000SH        |                          |         |          |           | X    | 01 |
| VAN KAMPEN MUN OPRTY TR  | COM            | 920935103 | 358                    | 22,992SH        | X                        |         |          |           |      | 01 |

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|                         |                |           |        |              |  |   |   |   |    |
|-------------------------|----------------|-----------|--------|--------------|--|---|---|---|----|
| VAN KAMPEN MUN OPRTY TR | COM            | 920935103 | 513    | 33,000SH     |  | X |   |   | 01 |
| VANGUARD WHITEHALL FDS  | HIGH DIV YLD   | 921946406 | 247    | 4,800SH      |  | X |   |   | 01 |
| VANGUARD WHITEHALL FDS  | HIGH DIV YLD   | 921946406 | 30     | 578SH        |  |   | X |   | 01 |
| VANGUARD WORLD FDS      | HEALTH CAR ETF | 92204A504 | 776    | 13,419SH     |  | X |   |   | 01 |
| VANGUARD WORLD FDS      | UTILITIES ETF  | 92204A876 |        | 245 2,941SH  |  |   | X |   | 01 |
| VANGUARD INTL EQTY IND  | EMR MKT ETF    | 922042858 | 536    | 6,795SH      |  | X |   |   | 01 |
| VANGUARD INTL EQTY IND  | EMR MKT ETF    | 922042858 | 828    | 10,500SH     |  |   |   | X | 01 |
| VANGUARD INTL EQTY IND  | EURPEAN ETF    | 922042874 | 2,925  | 41,250SH     |  | X |   |   | 01 |
| VANGUARD INTL EQTY IND  | EURPEAN ETF    | 922042874 | 67     | 950SH        |  |   |   | X | 01 |
| VASCO DATA SEC INTL INC | COM            | 92230Y104 | 2,363  | 132,244SH    |  | X |   |   | 01 |
| VECTREN CORP            | COM            | 92240G101 | 407    | 14,240SH     |  | X |   |   | 01 |
| VECTREN CORP            | COM            | 92240G101 | 157    | 5,480SH      |  |   |   | X | 01 |
| VANGUARD INDEX FDS      | SM CP VAL ETF  | 922908611 | 5,473  | 75,495SH     |  | X |   |   | 01 |
| VANGUARD INDEX FDS      | EXTEND MKT ETF | 922908652 | 410    | 3,852SH      |  | X |   |   | 01 |
| VANGUARD INDEX FDS      | EXTEND MKT ETF | 922908652 | 87     | 814SH        |  |   |   | X | 01 |
| VANGUARD INDEX FDS      | VALUE ETF      | 922908744 | 1,776  | 25,968SH     |  | X |   |   | 01 |
| VANGUARD INDEX FDS      | STK MRK ETF    | 922908769 | 1,560  | 11,026SH     |  | X |   |   | 01 |
| VANGUARD INDEX FDS      | STK MRK ETF    | 922908769 | 502    | 3,550SH      |  |   |   | X | 01 |
| VEOLIA ENVIRONNEMENT    | SPONSORED ADR  | 92334N103 | 221    | 2,980SH      |  | X |   |   | 01 |
| VERIFONE HLDGS INC      | COM            | 92342Y109 | 4,856  | 132,220SH    |  | X |   |   | 01 |
| VERIZON COMMUNICATIONS  | COM            | 92343V104 | 39,190 | 1,033,501SH  |  | X |   |   | 01 |
| VERIZON COMMUNICATIONS  | COM            | 92343V104 | 3,580  | 94,401SH     |  |   |   | X | 01 |
| VERTEX PHARMACEUTICALS  | COM            | 92532F100 |        | 759 27,071SH |  |   |   | X | 01 |
| VERTEX PHARMACEUTICALS  | COM            | 92532F100 | 9      | 305SH        |  |   |   | X | 01 |
| VIACOM INC NEW          | CL B           | 92553P201 | 619    | 15,069SH     |  | X |   |   | 01 |
| VIACOM INC NEW          | CL B           | 92553P201 | 210    | 5,107SH      |  |   |   | X | 01 |
| VIGNETTE CORP           | COM NEW        | 926734401 | 2,064  | 111,142SH    |  | X |   |   | 01 |
| VISHAY INTERTECHNOLOGY  | COM            | 928298108 | 230    | 16,463SH     |  | X |   |   | 01 |
| VODAFONE GROUP PLC NEW  | SPONS ADR NEW  | 92857W209 | 809    | 30,101SH     |  | X |   |   | 01 |
| VODAFONE GROUP PLC NEW  | SPONS ADR NEW  | 92857W209 | 784    | 29,176SH     |  |   |   | X | 01 |
| VOLCANO CORPORATION     | COM            | 928645100 | 1,664  | 92,409SH     |  | X |   |   | 01 |
| VORNADO RLTY TR         | SH BEN INT     | 929042109 | 1,684  | 14,109SH     |  | X |   |   | 01 |
| VORNADO RLTY TR         | SH BEN INT     | 929042109 | 449    | 3,765SH      |  |   |   | X | 01 |
| VULCAN MATLS CO         | COM            | 929160109 | 394    | 3,385SH      |  | X |   |   | 01 |
| VULCAN MATLS CO         | COM            | 929160109 | 179    | 1,538SH      |  |   |   | X | 01 |
| WPP GROUP PLC           | SPON ADR 0905  | 929309409 | 239    | 3,150SH      |  | X |   |   | 01 |

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MARSHALL & ILSLEY TRUST CO N.A.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUMN 7

| NAME OF ISSUER       | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION |         |          | OTHER MGRS |
|----------------------|----------------|-----------|------------------------|-----------------|-----------------------|---------|----------|------------|
|                      |                |           |                        |                 | SH/PUT/SOLE CALL (A)  | SHR (B) | OTHR (C) |            |
| WACHOVIA CORP NEW    | COM            | 929903102 | 19,102                 | 347,002SH       | X                     |         |          | 01         |
| WACHOVIA CORP NEW    | COM            | 929903102 | 1,853                  | 33,656SH        |                       |         | X        | 01         |
| WACOAL HOLDINGS CORP | ADR            | 930004205 | 255                    | 4,061SH         |                       |         | X        | 01         |
| WAL MART STORES INC  | COM            | 931142103 | 20,764                 | 442,267SH       | X                     |         |          | 01         |
| WAL MART STORES INC  | COM            | 931142103 | 3,996                  | 85,114SH        |                       |         | X        | 01         |
| WALGREEN CO          | COM            | 931422109 | 23,309                 | 507,926SH       | X                     |         |          | 01         |
| WALGREEN CO          | COM            | 931422109 | 9,470                  | 206,357SH       |                       |         | X        | 01         |
| WASHINGTON MUT INC   | COM            | 939322103 | 14,272                 | 353,452SH       | X                     |         |          | 01         |

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|                         |                |           |        |             |   |   |    |
|-------------------------|----------------|-----------|--------|-------------|---|---|----|
| WASHINGTON MUT INC      | COM            | 939322103 | 333    | 8,247SH     |   | X | 01 |
| WASTE MGMT INC DEL      | COM            | 94106L109 | 13,909 | 404,227SH   | X |   | 01 |
| WASTE MGMT INC DEL      | COM            | 94106L109 | 1,168  | 33,942SH    |   | X | 01 |
| WATERS CORP             | COM            | 941848103 | 809    | 13,941SH    | X |   | 01 |
| WATERS CORP             | COM            | 941848103 | 29     | 498SH       |   | X | 01 |
| WATTS WATER TECHNLS     | CL A           | 942749102 | 225    | 5,917SH     | X |   | 01 |
| WAUSAU PAPER CORP       | COM            | 943315101 | 2,097  | 146,018SH   | X |   | 01 |
| WAUSAU PAPER CORP       | COM            | 943315101 | 1,667  | 116,066SH   |   | X | 01 |
| WAUWATOSA HLDGS INC     | COM            | 94348P108 | 13,251 | 758,046SH   | X |   | 01 |
| WEBEX COMMUNICATIONS    | COM            | 94767L109 | 5,867  | 103,192SH   | X |   | 01 |
| WEINGARTEN RLTY INVS    | SH BEN INT     | 948741103 | 131    | 2,752SH     | X |   | 01 |
| WEINGARTEN RLTY INVS    | SH BEN INT     | 948741103 | 747    | 15,699SH    |   | X | 01 |
| WELLPOINT INC           | COM            | 94973V107 | 4,848  | 59,784SH    | X |   | 01 |
| WELLPOINT INC           | COM            | 94973V107 | 194    | 2,389SH     |   | X | 01 |
| WELLS FARGO & CO NEW    | COM            | 949746101 | 36,133 | 1,049,455SH | X |   | 01 |
| WELLS FARGO & CO NEW    | COM            | 949746101 | 4,528  | 131,511SH   |   | X | 01 |
| WENDYS INTL INC         | COM            | 950590109 | 565    | 18,042SH    | X |   | 01 |
| WENDYS INTL INC         | COM            | 950590109 | 9      | 291SH       |   | X | 01 |
| WESCO INTL INC          | COM            | 95082P105 | 1,359  | 21,654SH    | X |   | 01 |
| WESCO INTL INC          | COM            | 95082P105 | 55     | 870SH       |   | X | 01 |
| WESTAR ENERGY INC       | COM            | 95709T100 | 265    | 9,622SH     | X |   | 01 |
| WESTAR ENERGY INC       | COM            | 95709T100 | 19     | 704SH       |   | X | 01 |
| WESTERN ASSET GLBL HIGH | COM            | 95766B109 | 281    | 20,000SH    | X |   | 01 |
| WESTERN DIGITAL CORP    | COM            | 958102105 | 2,802  | 166,673SH   | X |   | 01 |
| WESTERN UN CO           | COM            | 959802109 | 1,130  | 51,482SH    | X |   | 01 |
| WESTERN UN CO           | COM            | 959802109 | 50     | 2,266SH     |   | X | 01 |
| WET SEAL INC            | CL A           | 961840105 | 2,721  | 415,373SH   | X |   | 01 |
| WEYCO GROUP INC         | COM            | 962149100 | 140    | 5,400SH     | X |   | 01 |
| WEYCO GROUP INC         | COM            | 962149100 | 373    | 14,364SH    |   | X | 01 |
| WEYERHAEUSER CO         | COM            | 962166104 | 11,792 | 157,773SH   | X |   | 01 |
| WEYERHAEUSER CO         | COM            | 962166104 | 1,531  | 20,490SH    |   | X | 01 |
| WHIRLPOOL CORP          | COM            | 963320106 | 1,764  | 20,773SH    | X |   | 01 |
| WHIRLPOOL CORP          | COM            | 963320106 | 180    | 2,124SH     |   | X | 01 |
| WHOLE FOODS MKT INC     | COM            | 966837106 | 271    | 6,049SH     | X |   | 01 |
| WHOLE FOODS MKT INC     | COM            | 966837106 | 437    | 9,747SH     |   | X | 01 |
| WILLIAMS COS INC DEL    | COM            | 969457100 | 2,846  | 100,016SH   | X |   | 01 |
| WILLIAMS COS INC DEL    | COM            | 969457100 | 139    | 4,899SH     |   | X | 01 |
| WINDSTREAM CORP         | COM            | 97381W104 | 8,497  | 578,396SH   | X |   | 01 |
| WINDSTREAM CORP         | COM            | 97381W104 | 231    | 15,730SH    |   | X | 01 |
| WISCONSIN ENERGY CORP   | COM            | 976657106 | 5,845  | 120,463SH   | X |   | 01 |
| WISCONSIN ENERGY CORP   | COM            | 976657106 | 1,722  | 35,492SH    |   | X | 01 |
| WISDOMTREE TRUST        | LARGCAP DIVID  | 97717W307 | 1,120  | 19,304SH    | X |   | 01 |
| WISDOMTREE TRUST        | INTL LRGCAP DV | 97717W794 | 429    | 6,828SH     | X |   | 01 |
| WISDOMTREE TRUST        | PAC EXJP TOT D | 97717W828 | 475    | 7,017SH     | X |   | 01 |
| WRIGLEY WM JR CO        | COM            | 982526105 | 209    | 4,109SH     | X |   | 01 |
| WRIGLEY WM JR CO        | COM            | 982526105 | 1,554  | 30,522SH    |   | X | 01 |
| WYETH                   | COM            | 983024100 | 10,011 | 200,098SH   | X |   | 01 |
| WYETH                   | COM            | 983024100 | 2,955  | 59,055SH    |   | X | 01 |
| XTO ENERGY INC          | COM            | 98385X106 | 4,391  | 80,115SH    | X |   | 01 |
| XTO ENERGY INC          | COM            | 98385X106 | 447    | 8,162SH     |   | X | 01 |
| XCEL ENERGY INC         | COM            | 98389B100 | 10,144 | 410,849SH   | X |   | 01 |
| XCEL ENERGY INC         | COM            | 98389B100 | 227    | 9,181SH     |   | X | 01 |
| XILINX INC              | COM            | 983919101 | 323    | 12,535SH    | X |   | 01 |
| XILINX INC              | COM            | 983919101 | 5      | 198SH       |   | X | 01 |
| XEROX CORP              | COM            | 984121103 | 11,660 | 690,348SH   | X |   | 01 |
| XEROX CORP              | COM            | 984121103 | 29     | 1,736SH     |   | X | 01 |
| YRC WORLDWIDE INC       | COM            | 984249102 | 279    | 6,936SH     | X |   | 01 |
| YRC WORLDWIDE INC       | COM            | 984249102 | 4      | 98SH        |   | X | 01 |
| YAHOO INC               | COM            | 984332106 | 1,829  | 58,455SH    | X |   | 01 |
| YAHOO INC               | COM            | 984332106 | 357    | 11,420SH    |   | X | 01 |
| YAMANA GOLD INC         | COM            | 98462Y100 | 156    | 10,850SH    |   | X | 01 |
| YUM BRANDS INC          | COM            | 988498101 | 732    | 12,667SH    | X |   | 01 |

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|                      |     |           |        |           |   |   |    |
|----------------------|-----|-----------|--------|-----------|---|---|----|
| YUM BRANDS INC       | COM | 988498101 | 207    | 3,579SH   |   | X | 01 |
| ZIMMER HLDGS INC     | COM | 98956P102 | 2,010  | 23,529SH  | X |   | 01 |
| ZIMMER HLDGS INC     | COM | 98956P102 | 491    | 5,750SH   |   | X | 01 |
| ZIONS BANCORPORATION | COM | 989701107 | 10,383 | 122,850SH | X |   | 01 |
| ZIONS BANCORPORATION | COM | 989701107 | 67     | 790SH     |   | X | 01 |

REPORT TOTALS

5,306,099

REPORT PTR289 9W

M&I INVESTMENT MANAGEMENT CORP.  
SECURITIES AND EXCHANGE COMMISSION FORM 13F  
ASSETS AS OF 03/31/2007

- - - - COLUMN 1 - - - - - COLUMN 2 - - COLUMN 3 - COLUMN 4 - - COLUMN 5 - - - COLUMN 6 - COLUM

| NAME OF ISSUER          | TITLE OF CLASS | CUSIP     | MARKET VALUE (X\$1000) | SHRS OR PRN AMT | INVESTMENT DISCRETION |         |          | OTHER MGRS |
|-------------------------|----------------|-----------|------------------------|-----------------|-----------------------|---------|----------|------------|
|                         |                |           |                        |                 | SH/PUT/SOLE CALL (A)  | SHR (B) | OTHR (C) |            |
| RENAISSANCERE HOLDINGS  | COM            | G7496G103 | 211                    | 4,200SH         | X                     |         |          | 05         |
| XL CAP LTD              | CL A           | G98255105 | 200                    | 2,860SH         | X                     |         |          | 05         |
| AT&T INC                | COM            | 00206R102 | 523                    | 13,267SH        | X                     |         |          | 05         |
| ABBOTT LABS             | COM            | 002824100 | 291                    | 5,220SH         | X                     |         |          | 05         |
| ALTRIA GROUP INC        | COM            | 02209S103 | 284                    | 3,230SH         | X                     |         |          | 05         |
| AMEREN CORP             | COM            | 023608102 | 505                    | 10,040SH        | X                     |         |          | 05         |
| AMERICAN INTL GROUP INC | COM            | 026874107 | 286                    | 4,260SH         | X                     |         |          | 05         |
| APARTMENT INVT & MGMT   | CL A           | 03748R101 | 401                    | 6,945SH         | X                     |         |          | 05         |
| APPLIED MATLS INC       | COM            | 038222105 | 217                    | 11,870SH        | X                     |         |          | 05         |
| ARCHSTONE SMITH TR      | COM            | 039583109 | 220                    | 4,050SH         | X                     |         |          | 05         |
| BB&T CORP               | COM            | 054937107 | 204                    | 4,985SH         | X                     |         |          | 05         |
| BANK OF AMERICA CORP    | COM            | 060505104 | 826                    | 16,185SH        | X                     |         |          | 05         |
| BOEING CO               | COM            | 097023105 | 276                    | 3,100SH         | X                     |         |          | 05         |
| BRISTOL MYERS SQUIBB CO | COM            | 110122108 | 496                    | 17,880SH        | X                     |         |          | 05         |
| CHEVRON CORP NEW        | COM            | 166764100 | 1,128                  | 15,255SH        | X                     |         |          | 05         |
| CISCO SYS INC           | COM            | 17275R102 | 527                    | 20,658SH        | X                     |         |          | 05         |
| CITIGROUP INC           | COM            | 172967101 | 961                    | 18,715SH        | X                     |         |          | 05         |
| CITIZENS COMMUNICATIONS | COM            | 17453B101 | 475                    | 31,775SH        | X                     |         |          | 05         |
| COCA COLA CO            | COM            | 191216100 | 472                    | 9,830SH         | X                     |         |          | 05         |
| COMERICA INC            | COM            | 200340107 | 240                    | 4,065SH         | X                     |         |          | 05         |
| CONOCOPHILLIPS          | COM            | 20825C104 | 593                    | 8,670SH         | X                     |         |          | 05         |
| CONSOLIDATED EDISON INC | COM            | 209115104 | 699                    | 13,680SH        | X                     |         |          | 05         |
| DTE ENERGY CO           | COM            | 233331107 | 282                    | 5,890SH         | X                     |         |          | 05         |
| DELL INC                | COM            | 24702R101 | 374                    | 16,125SH        | X                     |         |          | 05         |
| DONNELLEY R R & SONS CO | COM            | 257867101 | 265                    | 7,235SH         | X                     |         |          | 05         |
| DOW CHEM CO             | COM            | 260543103 | 486                    | 10,600SH        | X                     |         |          | 05         |
| DU PONT E I DE NEMOURS  | COM            | 263534109 | 206                    | 4,175SH         | X                     |         |          | 05         |
| EQUITY RESIDENTIAL      | SH BEN INT     | 29476L107 | 354                    | 7,350SH         | X                     |         |          | 05         |
| EXXON MOBIL CORP        | COM            | 30231G102 | 421                    | 5,580SH         | X                     |         |          | 05         |
| FIFTH THIRD BANCORP     | COM            | 316773100 | 231                    | 5,975SH         | X                     |         |          | 05         |
| FIRST HORIZON NATL CORP | COM            | 320517105 | 279                    | 6,730SH         | X                     |         |          | 05         |
| GENERAL ELECTRIC CO     | COM            | 369604103 | 1,133                  | 32,055SH        | X                     |         |          | 05         |
| HEINZ H J CO            | COM            | 423074103 | 295                    | 6,255SH         | X                     |         |          | 05         |
| INTERNATIONAL BUS MACHS | COM            | 459200101 | 237                    | 2,510SH         | X                     |         |          | 05         |
| ISHARES TR              | MSCI EAFE IDX  | 464287465 | 237                    | 3,109SH         | X                     |         |          | 05         |
| ISHARES TR              | RUSSELL MCP GR | 464287481 | 4,665                  | 43,550SH        | X                     |         |          | 05         |

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|                        |                |           |       |          |   |    |
|------------------------|----------------|-----------|-------|----------|---|----|
| ISHARES TR             | RUSL 2000 GROW | 464287648 | 5,972 | 74,600SH | X | 05 |
| JOHNSON & JOHNSON      | COM            | 478160104 | 333   | 5,525SH  | X | 05 |
| JOHNSON CTLS INC       | COM            | 478366107 | 214   | 2,260SH  | X | 05 |
| KELLOGG CO             | COM            | 487836108 | 280   | 5,445SH  | X | 05 |
| KIMCO REALTY CORP      | COM            | 49446R109 | 281   | 5,775SH  | X | 05 |
| LAUDER ESTEE COS INC   | CL A           | 518439104 | 223   | 4,560SH  | X | 05 |
| LILLY ELI & CO         | COM            | 532457108 | 393   | 7,325SH  | X | 05 |
| LOCKHEED MARTIN CORP   | COM            | 539830109 | 402   | 4,145SH  | X | 05 |
| MASCO CORP             | COM            | 574599106 | 231   | 8,445SH  | X | 05 |
| MERCK & CO INC         | COM            | 589331107 | 305   | 6,900SH  | X | 05 |
| MICROSOFT CORP         | COM            | 594918104 | 405   | 14,541SH | X | 05 |
| NATIONAL CITY CORP     | COM            | 635405103 | 537   | 14,410SH | X | 05 |
| PFIZER INC             | COM            | 717081103 | 712   | 28,170SH | X | 05 |
| PITNEY BOWES INC       | COM            | 724479100 | 308   | 6,785SH  | X | 05 |
| PLUM CREEK TIMBER CO   | COM            | 729251108 | 484   | 12,285SH | X | 05 |
| PROCTER & GAMBLE CO    | COM            | 742718109 | 294   | 4,660SH  | X | 05 |
| PROGRESS ENERGY INC    | COM            | 743263105 | 717   | 14,220SH | X | 05 |
| PROGRESSIVE CORP OHIO  | COM            | 743315103 | 223   | 10,240SH | X | 05 |
| QUALCOMM INC           | COM            | 747525103 | 215   | 5,040SH  | X | 05 |
| SIMON PPTY GROUP INC   | COM            | 828806109 | 292   | 2,625SH  | X | 05 |
| SOUTHERN CO            | COM            | 842587107 | 430   | 11,740SH | X | 05 |
| TIME WARNER INC        | COM            | 887317105 | 296   | 15,010SH | X | 05 |
| US BANCORP DEL         | COM NEW        | 902973304 | 642   | 18,370SH | X | 05 |
| VERIZON COMMUNICATIONS | COM            | 92343V104 | 691   | 18,215SH | X | 05 |
| WACHOVIA CORP NEW      | COM            | 929903102 | 641   | 11,645SH | X | 05 |
| WASHINGTON MUT INC     | COM            | 939322103 | 587   | 14,530SH | X | 05 |
| WELLS FARGO & CO NEW   | COM            | 949746101 | 206   | 5,970SH  | X | 05 |
| WEYERHAEUSER CO        | COM            | 962166104 | 336   | 4,490SH  | X | 05 |
| WINDSTREAM CORP        | COM            | 97381W104 | 424   | 28,845SH | X | 05 |

REPORT TOTALS

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36,574  
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