WHITE TONY L

Form 4

November 19, 2008 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB 3235-0287 Number:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Form 4 or Form 5 obligations may continue.

Check this box

if no longer

subject to

Section 16.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Washington, D.C. 20549

SECURITIES

30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading WHITE TONY L Issuer Symbol APPLIED BIOSYSTEMS INC. (Check all applicable) [ABI] (Middle) (Last) (First) 3. Date of Earliest Transaction _X_ Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) APPLIED BIOSYSTEMS INC., 301 11/17/2008 Chairman and CEO **MERRITT 7** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

NORWALK, CT 06851-1070

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 4. Securities Acquired (A) or 5. Amount of 6. 1.Title of 3. 7. Nature of TransactionDisposed of (D) Security (Month/Day/Year) Execution Date, if Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Owned Form: Beneficial (Month/Day/Year) (Instr. 8) Following Reported Direct (D) Ownership Transaction(s) or Indirect (Instr. 4) (A) (Instr. 3 and 4) (I) or (Instr. 4) Price Code V Amount (D) Applied **Biosystems**

Group Common Stock	11/17/2008	M	300,000	A	\$ 27.1875	1,324,850.6816	D
Applied Biosystems Group Common Stock	11/17/2008	M	84,400	A	\$ 28.2343	1,409,250.6816	D
	11/17/2008	M	84,400	A		1,493,650.6816	D

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Applied Biosystems Group Common Stock					\$ 28.2343			
Applied Biosystems Group Common Stock	11/17/2008	M	10,815	A	\$ 25.575	1,504,465.6816	D	
Applied Biosystems Group Common Stock	11/17/2008	S	455,610	D	\$ 29.327 (1)	1,048,855.6816	D	
Applied Biosystems Group Common Stock						75,000	I	By Elizabeth Ann White Business Interests, LLLP (2)
Applied Biosystems Group Common Stock						161,760	I	By Tony Lee White 2007 Grantor Retained Annuity Trust (3)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

 $\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerci Expiration Dat (Month/Day/Y	te	7. Title and Am Underlying Sec (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title

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Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 27.1875	11/17/2008	M	300,000	05/13/2003	05/13/2009	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 28.2343	11/17/2008	M	84,400	06/17/2002	06/17/2009	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 28.2343	11/17/2008	M	84,400	11/30/2002	06/17/2009	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 25.575	11/17/2008	M	10,815	<u>(4)</u>	03/26/2011	Applied Biosystems Group Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting owner runte, runtess	Director	10% Owner	Officer	Other			
WHITE TONY L APPLIED BIOSYSTEMS INC. 301 MERRITT 7 NORWALK, CT 06851-1070	X		Chairman and CEO				
Cianaturas							

Signatures

/s/ Thomas P. Livingston, Attorney-in-Fact for Tony L.
White 11/19/2008

**Signature of Reporting Person Date

Reporting Owners 3

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Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- The price reported is the weighted average sale price in open market transactions at prices ranging from \$29.18 to \$29.46. The reporting person undertakes to provide upon request by the Securities and Exchange Commission staff, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- Elizabeth Ann White Business Interests, LLLP, is a family limited partnership (the "FLP"). The reporting person's adult daughter is the sole general partner of the FLP, and the reporting person's wife and a grantor retained annuity trust established by the reporting person are currently the sole limited partners of the FLP.
- (3) The reporting person's wife is the sole trustee of the Tony Lee White 2007 Grantor Retained Annuity Trust.
 - These options originally became exercisable in four equal annual installments, commencing March 26, 2002. Effective January 20, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options were subject to a
- restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that remained in effect for some of the shares until March 26, 2005.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.