

CORPORATE OFFICE PROPERTIES TRUST

Form SC 13G

February 13, 2007

APP. E4

REGULATION OF INVESTMENT ADVISORS

CUSIP No. 22002T108

13G

1. NAME OF REPORTING PERSON

S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

ING Clarion Real Estate Securities, L.P.

232802869

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) _____

(b) _____

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

259 N. Radnor Chester Road, Suite 205, Radnor, PA 19087

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

1,081,039 shares, sole voting power

6. SHARED VOTING POWER

4,000 shares, shared voting power

7. SOLE DISPOSITIVE POWER

2,717,739 shares, sole dispositive power

8. SHARED DISPOSITIVE POWER

No shares under shared dispositive power

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,717,739 shares

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

6.35%

12. TYPE OF REPORTING PERSON*

IA

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No _____) *
Corporate Office Properties Trust
(Name of Issuer)
Common Stock
(Title of Class of Securities)
22002T108
(Cusip Number)

Sec 1745 (6-88)

E4-1

Items

Item 1

- (a) Corporate Office Properties Trust
- (b) 6711 Columbia Gateway Drive, Suite 300, Columbia, Maryland 21046

Item 2

- (a) ING Clarion Real Estate Securities, L.P.
- (b) 259 N. Radnor-Chester Road, Suite 205, Radnor, PA 19087
- (c) N/A
- (d) Common Stock
- (e) 22002T108

Item 3

- (a) Investment Adviser registered under section 203 of the Investment Advisers Act of 1940

Item 4

- (a) 2,717,739 shares
- (b) 6.35%
- (c)
 - (i.) 1,081,039 shares, sole voting power
 - (ii.) 4,000 shares, shared voting power
 - (iii.) 2,717,739 shares, sole dispositive power
 - (iv.) No shares, shared dispositive power

Item 5

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N/A

Item 6

N/A

Item 7

N/A

Item 8

N/A

Item 9

N/A

Item 10

T. Ritson Ferguson, CEO and Managing Director