STATE STREET CORP
Form 4
February 20, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number:	3235-0287
Expires:	January 31, 2005
Estimated average burden hours per response...	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Antonellis Joseph C

(Last) (First) (Middle)

STATE STREET CORPORATION, ONE LINCOLN STREET

(Street)

BOSTON, MA 02111

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
STATE STREET CORP [STT]

3. Date of Earliest Transaction (Month/Day/Year)
02/15/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Vice Chairman & CIO

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/15/2007		A		12,198 (1)	A	$ 70.59	44,587	D	
Common Stock	02/15/2007		F		1,902 (2)	D	$ 70.59	42,685	D	
Common Stock								6,557 (3)	I	401 (k) Plan

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

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SEC 1474 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, puts, calls, warrants, options, convertible securities)

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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amoun Underlying Securiti (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou Numb Share
Stock Appreciation Right	$ 70.59	02/15/2007		A		153,150 (4)		(5)	02/15/2017	Common Stock	153

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Antonellis Joseph C STATE STREET CORPORATION ONE LINCOLN STREET BOSTON, MA 02111			Vice Chairman & CIO	

Signatures

/s/ Richard P. Jacobson, Attorney-in-fact	02/20/2007
**Signature of Reporting Person	Date

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).

(1) Deferred stock award granted pursuant to State Street Corporation 2006 Equity Incentive Plan.

(2) These shares were withheld to satisfy tax withholding obligations in connection with the vesting of deferred stock.

(3) The reporting person indirectly beneficially owns 6,557 shares of State Street common stock through State Street Corporation's 401(k) plan, as of January 31, 2007. The plan accounts for interest in units of shares and a small amount of cash. As a result, the number of underlying shares may fluctuate from time to time.

(4) Stock Appreciation Right granted pursuant to State Street Corporation 2006 Equity Incentive Plan.

(5) Stock Appreciation Right becomes exercisable in four equal annual increments commencing February 15, 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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