REEVE PAMELA D A

Check this box

if no longer

subject to

Section 16.

Form 4

March 12, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 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 REEVE PAMELA D A Issuer Symbol AMERICAN TOWER CORP /MA/ (Check all applicable) [AMT] (Last) (First) (Middle) 3. Date of Earliest Transaction X Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) 116 HUNTINGTON AVENUE 03/10/2010 (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 **BOSTON, MA 02116** Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 4. Securities 5. Amount of 6. Ownership 7. Nature of 1.Title of 3. Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Beneficially Beneficial Disposed of (D) (D) or (Month/Day/Year) (Instr. 3, 4 and 5) Owned Ownership (Instr. 8) Indirect (I) Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Class A 1,450 Common \$0 5,082 D 03/10/2010 (1) Stock

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

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

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3235-0287

January 31,

2005

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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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date curities (Month/Day/Year) quired or sposed of str. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Purchase Class A Common Stock (2)	\$ 43.11	03/10/2010		A	4,167	03/10/2010	03/10/2020	Class A Common Stock	4,167

Reporting Owners

Reporting Owner Name / Address	Relationships					
• 0	Director	10% Owner	Officer	Other		
REEVE PAMELA D A 116 HUNTINGTON AVENUE BOSTON, MA 02116	X					

Signatures

/s/ Mneesha O. Nahata, as attorney-in-fact

03/12/2010

**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) The reporting person was granted 1,450 fully vested Restricted Stock Units (RSUs) pursuant to the 2007 Equity Incentive Plan on March 10, 2010. Each RSU represented a contingent right to receive one share of Class A Common Stock.
- (2) This option was granted pursuant to the 2007 Equity Incentive Plan.

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.

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