Bartlett Thomas A Form 4 March 13, 2012

FORM 4

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

OMB Number: 3235-0287

burden hours per

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

response...

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * Bartlett Thomas A			2. Issuer Name and Ticker or Trading Symbol AMERICAN TOWER CORP /MA/ [AMT]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle) 116 HUNTINGTON AVENUE			3. Date of Earliest Transaction (Month/Day/Year) 03/10/2012					Director 10% Owner Self-cert (give title Other (specify below) EVP, CFO & Treasurer			
Боджогу	(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting				
BOSTON, N						Person					
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction De (Month/Day/Yea	med on Date, if Day/Year)	3. Transaction Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	Securities Form: Direct Beneficially (D) or Owned Indirect (I) Following (Instr. 4) Reported Transaction(s)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code V	Amount		Price	(Instr. 3 and 4)			
Common Stock	03/10/2012			M	5,799	A	\$0	5,799	D		
Common Stock	03/10/2012			F	1,842	D	\$ 62.22	3,957	D		
Common Stock	03/10/2012			M	5,416	A	\$ 0	9,373	D		
Common	03/10/2012			F	2,210	D	\$ 62.22	7,163	D		

62.22

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

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SEC 1474 (9-02)

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. Transactic Code (Instr. 8)	Transaction Derivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		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	
Restricted Stock Units	(1)	03/10/2012		M	5,799	(2)	<u>(2)</u>	Common Stock	5,799	\$
Restricted Stock Units	(1)	03/10/2012		M	5,416	(3)	(3)	Common Stock	5,416	\$

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Bartlett Thomas A

116 HUNTINGTON AVENUE EVP, CFO & Treasurer

BOSTON, MA 02116 **Signatures**

/s/ Mneesha O. Nahata, as attorney-in-fact 03/13/2012

**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) Each Restricted Stock Unit (RSU) respresents a contingent right to receive one share of Common Stock.
- (2) This RSU was granted on March 10, 2010 pursuant to the 2007 Equity Incentive Plan, and vests in 25% cumulative annual increments beginning March 10, 2011. This Form 4 reflects the vesting of this RSU on March 10, 2012 as to 50% of the original grant amount.

Reporting Owners 2

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(3) This RSU was granted on March 10, 2011 pursuant to the 2007 Equity Incentive Plan, and vests in 25% cumulative annual increments beginning March 10, 2012. This Form 4 reflects the vesting of this RSU on March 10, 2012 as to 25% of the original grant amount.

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.