Bartlett Thomas A Form 4 June 21, 2010

FORM 4

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

Check this box if no longer subject to Section 16.

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

Expires: 2005 Estimated average burden hours per 0.5 response...

OMB APPROVAL

3235-0287

January 31,

OMB

Number:

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

1(b).

(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) 06/17/2010					Director 10% Owner _X_ Officer (give title Other (specify below) EVP & CFO			
				f Amendment, Date Original ed(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 Person		
(City)	(State)	(Zip)	Tab	le I - Non	ı-D	erivative S	Securi	ities Acqu	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)			3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or				of (D)	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)
Class A Common Stock	06/18/2010			Code	•	Amount 32,621	(D)	\$ 31.54	39,183	D	
Class A Common Stock	06/18/2010			S(1)		32,621	D	\$ 45	6,562	D	
Class A Common Stock	06/17/2010			S(1)		600	D	\$ 45	5,962	D	
Class A Common	06/18/2010			S <u>(1)</u>		5,962	D	\$ 45	0	D	

Stock

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. Transacti Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	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
Option to Purchase Class A Common Stock	\$ 31.54	06/18/2010		M	32,621	(2)	04/01/2019	Class A Common Stock	32,621

Reporting Owners

Reporting Owner Name / Address	Relationships						
	D:	100/ 0	Off:	Odla			

Director 10% Owner Officer Other

Bartlett Thomas A

116 HUNTINGTON AVENUE EVP & CFO

BOSTON, MA 02116

Signatures

/s/ Michael J.
McCormack
06/21/2010

**Signature of Reporting Date

Explanation of Responses:

Explanation of nesponses.

- * 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 sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- (2) This option was granted pursuant to the 2007 Equity Incentive Plan and is exercisable in 25% cumulative annual increments beginning April 1, 2010.

Reporting Owners 2

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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.