

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR (g) OF THE
SECURITIES EXCHANGE ACT OF 1934

AMERICAN TOWER SYSTEMS CORPORATION
(Exact name of registrant as specified in its charter)

Delaware
(State of incorporation or organization) 65-0598206
(I.R.S. Employer Identification No.)

116 Huntington Avenue, Boston, Massachusetts 02116
(Address of principal Executive offices) (Zip Code)

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box. /X/

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box. / /

Securities Act registration statement file number to which this form relates: 333-46025

Securities to be registered pursuant to Section 12(b) of the Act:

Title of each class to be so registered	Name of each exchange on which each class is to be registered
Class A Common Stock, \$.01 par value	New York Stock Exchange

Securities to be registered pursuant to Section 12(g) of the Act:

None
(Title of Class)

Item 1. Description of Registrant's Securities to be Registered

Those portions of Registrant registration statement on Form S-4, File No. 333-46025, as declared effective by the Securities and Exchange Commission on February 17, 1998 (the "Registration Statement"), set forth under the caption "Description of American Tower Systems Capital Stock" are incorporated herein by reference.

Item 2. Exhibits

1. All exhibits required by Instructions to Item 2 have been supplied to the New York Stock Exchange.

SIGNATURES

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized.

AMERICAN TOWER SYSTEMS CORPORATION
(Registrant)

By: /s/ Justin D. Benincasa
Name: Justin D. Benincasa
Title: Vice President and
Corporate Controller

Dated: June 4, 1998