UNITED STATES 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 Corporation (Exact name of registrant as specified in its charter)

Delaware 65-0723837

(State or other jurisdiction of incorporation or organization)

(IRS Employer Identification No.)

116 Huntington Avenue Boston, Massachusetts 02116 (Address of Principal Executive Offices) (Zip Code)

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

Title of each class
Name of each exchange on which
to be so registered

0.500% senior notes due 2028

New York Stock Exchange

1.000% senior notes due 2032

New York Stock Exchange

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), check the following box. \boxtimes

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), check the following box. \Box

Securities Act registration statement file number to which this form relates: 333-231931 (if applicable)

Securities to be registered pursuant to Section 12(g) of the Act: None

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

The description of the 0.500% senior notes due 2028 and the 1.000% senior notes due 2032 of American Tower Corporation (the "Registrant") is set forth under the caption "Description of Notes" in the prospectus supplement dated September 2, 2020, as filed with the Securities and Exchange Commission (the "Commission") on September 3, 2020 pursuant to Rule 424(b)(2) under the Securities Act of 1933, as amended, to the Registrant's registration statement on Form S-3 (File No. 333-231931), as filed with the Commission on June 4, 2019, which description is incorporated herein by reference.

Item 2. Exhibits

Exhibit No.	Description
4.1	Indenture, dated June 4, 2019, by and between the Registrant and U.S. Bank National Association, as Trustee (incorporated by reference to Exhibit 4.22 of the Registrant's Registration Statement on Form S-3ASR (File No. 333-231931) filed on June 4, 2019).
4.2	Supplemental Indenture No. 5, dated September 10, 2020, by and among the Registrant, U.S. Bank National Association, as Trustee, and Elavon Financial Services DAC, UK Branch, as Paying Agent (incorporated by reference to Exhibit 4.1 of the Registrant's Current Report on Form 8-K (File No.001-14195) filed on September 10, 2020).
4.3	Form of Global Note (included in Exhibit 4.2).

Signature

Pur	suant to the requirements of	of Section 12 of the	Securities Exchange	Act of 1934, th	ne Registrant has di	uly caused this 1	egistration
statement to	be signed on its behalf by	the undersigned, th	ereto duly authorized	l.			

AMERICAN TOWER CORPORATION (Registrant)

Date: September 10, 2020 By: /s/ Rodney M. Smith

Rodney M. Smith
Executive Vice President, Chief Financial Officer and
Treasurer