
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549**

FORM 8-A

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

Gladstone Capital Corporation

(Exact name of registrant as specified in its charter)

Maryland
(State of incorporation or organization)

54-2040781
(I.R.S. Employer Identification No.)

**1521 Westbranch Drive
Suite 100
McLean, Virginia**
(Address of principal executive offices)

22102
(Zip code)

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

<u>Title of each class to be so registered</u>	<u>Name of each exchange on which each class is to be registered</u>
Term Preferred Shares, 6.00% Series 2024, \$0.001 par value per share	The NASDAQ Stock Market LLC

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.

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.

**Securities Act registration statement file number to which this form relates:
333-208637**

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.

The description of the Term Preferred Shares, 6.00% Series 2024, par value \$0.001 per share (the "2024 Preferred Stock"), of Gladstone Capital Corporation, a Maryland corporation (the "Registrant"), is incorporated by reference to the information set forth under the caption "Description of the Series 2024 Term Preferred Stock" in the prospectus supplement filed pursuant to Rule 497 under the Securities Act of 1933, as amended, in the form in which it was filed on September 21, 2017 with the Securities and Exchange Commission. The prospectus supplement supplements the prospectus contained in the Registrant's registration statement on Form N-2 (File No. 333-208637), which was last declared effective by the Securities and Exchange Commission on February 6, 2017. The Preferred Stock is expected to be listed on the NASDAQ Global Select Market.

Item 2. Exhibits.

Pursuant to the Instructions as to exhibits for registration statements on Form 8-A, the documents listed below are filed as exhibits to this Registration Statement:

<u>Exhibit Number</u>	<u>Description</u>
3.1	Articles of Amendment and Restatement to the Articles of Incorporation, incorporated by reference to Exhibit 99.a.2 to Pre-Effective Amendment No. 1 to the Registration Statement on Form N-2 (File No. 333-63700), filed July 27, 2001.
3.2	Articles Supplementary Establishing and Fixing the Rights and Preferences of Term Preferred Shares, including Appendix A thereto relating to the Term Preferred Shares, 7.125% Series 2016, incorporated by reference to Exhibit 2.a.2 to Post-Effective Amendment No. 5 to the Registration Statement on Form N-2 (File No. 333-162592), filed October 31, 2011.
3.3	Articles Supplementary Establishing and Fixing the Rights and Preferences of Term Preferred Shares, 6.75% Series 2021, including Exhibit A thereto, incorporated by reference to Exhibit 3.3 to the Registration Statement on Form 8-A (File No. 001-35332), filed May 15, 2014.
3.4	Certificate of Correction to Articles Supplementary Establishing and Fixing the Rights and Preferences of Term Preferred Shares, 6.75% Series 2021, incorporated by reference to Exhibit 3.4 to the Quarterly Report on Form 10-Q (File No. 811-000000), filed July 30, 2014.
3.5	Certificate of Correction to Articles Supplementary Establishing and Fixing the Rights and Preferences of Term Preferred Shares, incorporated by reference to Exhibit 3.1 to the Current Report on Form 8-K (File No. 814-00237), filed October 29, 2015.
3.6	Articles Supplementary, incorporated by reference to Exhibit 3.1 to the Current Report on Form 8-K (File No. 814-00237), filed September 21, 2017.
3.7	Articles Supplementary Establishing and Fixing the Rights and Preferences of Term Preferred Shares, 6.00% Series 2024, including Exhibit A thereto, incorporated by reference to Exhibit 3.2 to the Current Report on Form 8-K (File No. 814-00237), filed September 21, 2017.
3.8	By-laws, incorporated by reference to Exhibit 99.b to Pre-Effective Amendment No. 1 to the Registration Statement on Form N-2 (File No. 333-63700), filed July 27, 2001.
3.9	Amendment to By-laws, incorporated by reference to Exhibit 3.3 to our Quarterly Report on Form 10-Q (File No. 814-00237), filed February 17, 2004.
3.10	Second Amendment to By-laws, incorporated by reference to Exhibit 99.1 to our Current Report on Form 8-K (File No. 814-00237), filed July 10, 2007.
3.11	Third Amendment to By-laws, incorporated by reference to Exhibit 99.1 to our Current Report on Form 8-K (File No. 814-00237), filed June 10, 2011.

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- 3.12 Fourth Amendment to By-laws, incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K (File No. 814-00237), filed November 29, 2016.
 - 4.1 Specimen Stock Certificate, incorporated by reference to Exhibit 99.d.2 to Pre-Effective Amendment No. 3 to the Registration Statement on Form N-2 (File No. 333-63700), filed August 23, 2001.
 - 4.2 Form of Certificate for 6.75% Series 2021 Term Preferred Stock, incorporated by reference to Exhibit 4.3 to the Registration Statement on Form 8-A (File No. 001-35332), filed May 15, 2014.
 - 4.3 Form of Certificate for 6.00% Series 2024 Term Preferred Stock , incorporated by reference to Exhibit 4.1 to the Current Report on Form 8-K (File No. 814-00237), filed September 21, 2017.

SIGNATURE

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, thereto duly authorized.

Date: September 21, 2017

GLADSTONE CAPITAL CORPORATION

By: /s/ David Gladstone

Name: David Gladstone

Title: Chairman of the Board and Chief Executive Officer

EXHIBIT INDEX

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