UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

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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:

Title of each class to be so registered	Name of each exchange on which each class is to be registered
5.375% Notes due 2024, \$25.00 par value	The Nasdaq Stock Market LLC
If this form relates to the registration of a class of securities pursuant to Section Instruction A.(c), check the following box.	12(b) of the Exchange Act and is effective pursuant to General
If this form relates to the registration of a class of securities pursuant to Section Instruction A.(d), check the following box. \Box	12(g) of the Exchange Act and is effective pursuant to General
If this form relates to the registration of a class of securities concurrently with a l	Regulation A offering, check the following box. \Box
Securities Act registration statement file 333-2287	
Securities to be registered pursuan	at 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 5.375% notes due 2024 (the "Notes") of Gladstone Capital Corporation, a Maryland corporation (the "Registrant"), is incorporated by reference to the information set forth under the caption "Description of the Notes" in the final prospectus supplement filed pursuant to Rule 497 under the Securities Act of 1933, as amended (the "Securities Act"), on October 8, 2019 with the Securities and Exchange Commission. The final prospectus supplement includes the prospectus contained in the Registrant's registration statement on Form N-2 (File No. 333-228720), which became effective in accordance with Section 8(a) of the Securities Act on February 5, 2019. The Notes are expected to be listed on the Nasdaq Global Select Market.

Item 2. Exhibits.

Pursuant to the Instructions as to exhibits for registration statements on Form8-A, the documents listed below are filed as exhibits to this Registration Statement:

Exhibit Number	Description
3.1	Articles of Amendment and Restatement to the Articles of Incorporation, incorporated by reference to Exhibit 99.a.2 toPre-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 Form8-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 Form10-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.
3.12	Fourth Amendment to By-laws, incorporated by reference to Exhibit 3.1 to our Current Report on Form8-K (File No. 814-00237), filed November 29, 2016.

Exhibit Number	Description
4.1	Specimen Stock Certificate, incorporated by reference to Exhibit 99.d.2 toPre-Effective Amendment No. 3 to the Registration Statement on Form N-2 (File No. 333-63700), filed August 23, 2001.
4.2	Base Indenture by and among Gladstone Capital Corporation and U.S. Bank National Association, as trustee, dated November 6, 2018, incorporated by reference to Exhibit 2.d.10 to Post-Effective Amendment No. 7 to the Registration Statement on Form N-2 (File No. 333-208637), filed November 6, 2018.
4.3	First Supplemental Indenture by and between Gladstone Capital Corporation and U.S. Bank National Association, as trustee, dated November 6, 2018, incorporated by reference to Exhibit 2.d.11 to Post-Effective Amendment No. 7 to the Registration Statement on Form N-2 (File No. 333-208637), filed on November 6, 2018.
4.4	Form of Global Note with respect to the 6.125% Notes due 2023, incorporated by reference to Exhibit 4.3 hereto, and Exhibit A therein.
4.5	Second Supplemental Indenture by and between Gladstone Capital Corporation and U.S. Bank National Association, as trustee, dated October 10, 2019, incorporated by reference to Exhibit 2.d.11 to Post-Effective Amendment No. 2 to the Registration Statement on Form N-2 (File No. 333-228720), filed on October 10, 2019.
4.6	Form of Global Note with respect to the 5.375% Notes due 2024, incorporated by reference to Exhibit 4.5 hereto, and Exhibit A therein.

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: October 10, 2019 GLADSTONE CAPITAL CORPORATION

By: /s/ David Gladstone

Name: David Gladstone

Title: Chairman of the Board and Chief Executive

Officer