FORM 4

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

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| (Print or Ty | pe Responses | s) | | | | | | | | | | | | | | |
|--|---|--|----------------------------|--|--|----------------------|---|--|--------------|--|--|--|------------------|--|--|-------------------------|
| 1. Name and Address of Reporting Person* Bluestein Scott | | | | 2. Issuer Name and Ticker or Trading Symbol Hercules Capital, Inc. [HTGC] | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X Officer (give title below) Other (specify below) Chief Investment Officer | | | | |
| (Last) (First) (Middle) C/O HERCULES CAPITAL, INC., 31 ST. JAMES AVENUE, SUITE 790 | | | | 3. Date of Earliest Transaction (Month/Day/Year) 04/14/2016 | | | | | | | | | | | | |
| (Street) BOSTON, MA 02116 | | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting Person | | | | |
| (City) (State) (Zip) | | | | Table I - Non-Derivative Securities Acqui | | | | | | | | ired, Disposed of, or Beneficially Owned | | | | |
| 1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) | | | Execu | Deemed ation Date, | if (| | 4. Securities A (A) or Dispose (Instr. 3, 4 and | | Disposed | of (D) | Beneficia Reported | Amount of Securities deneficially Owned Following deported Transaction(s) | | Form: | 7. Nature of Indirect Beneficial | |
| | | | | (Month/Day/Yea | | ar) | Code | v | Amoun | (A) or (D) | Price | (Instr. 3 a | (Instr. 3 and 4) | | Direct (D) or Indirect (I) (Instr. 4) | Ownership (Instr. 4) |
| Common Stock 04/14/2016 | | | 04/14/2016 | | | | F | | 1,831 (1) | D | \$ 12.13 | 239,414 | | | D | |
| | | | | | | | s Acquire | d, Di | isposed (| of, or Be | neficia | lly Owned | | | | |
| | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Y | 3A. Deemed Execution Da | (e.g., p | uts, calls, v 4. Transaction Code | 5. N of D So A | s Acquire rants, op | ed, Disposed of, tions, convertibl 6. Date Exercisa and Expiration I (Month/Day/Ye | | of, or Be tible sec cisable on Date | r Beneficia e securities) ole 7. T ate Am Uno Sec | lly Owned | | 9. Number of Derivative Securities Beneficially Owned Following Reported | of 10. Ownersl Form of Derivati Security Direct (l or Indire | Ownership (Instr. 4) |
| | | | | | | | f (D) nstr. 3, , and 5) | | | | | 1. | | Transaction((Instr. 4) | (I) (Instr. 4) | |
| | | | | | Code V | · (, | A) (D) | Date Exer | | Expirati Date | on Titl | Amount or Number of Shares | | | | |
| Repor | ting O | wners | | | | | | | | | | | | | | |
| _ | | | | | R | Rela | tionships | | | | | | | | | |
| Repo | rting Owner | r Name / Addı | ress Director | 10% | О | offic | er | | | Ot | her | | | | | |

Chief Investment Officer

Signatures

BOSTON, MA 02116

Bluestein Scott

| /s/ Melanie Grace, Attorney-in-Fact for Scott Bluestein | 04/18/2016 | | |
|---|------------|--|--|
| **Signature of Reporting Person | Date | | |

Owner

Explanation of Responses:

C/O HERCULES CAPITAL, INC.

31 ST. JAMES AVENUE, SUITE 790

- * 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) Represents shares of common stock withheld to pay taxes applicable to the vesting of restricted stock on April 14, 2016.

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.