### FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

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 Response   | s)                                   |   |   |        |   |              |                       |   |   |                               | 1   |  |  |   |                                     |
|---|---|--------------------------------------|---|---|--------|---|--------------|-----------------------|---|---|-------------------------------|---|--|--|---|-------------------------------------|
| Name and Address of Reporting Person*  Baron Jessica T                |   |                                      | 2. Issuer Name and Ticker or Trading Symbol HERCULES TECHNOLOGY GROWTH CAPITAL INC [HTGC] |   |        |   |              |                       | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director X Officer (give title below) Chief Financial Office |   |                               |   |  |  |   |                                     |
| (C/O HERCULES TECHNOLOGY GROWTH CAPITAL, 400 HAMILTON AVE., SUITE 310 |   |                                      |   | 3. Date of Earliest Transaction (Month/Day/Year) 04/24/2012 |        |   |              |                       |   |   | Cin                           | er i manerar                                    | omee   |  |   |                                     |
| (Street) PALO ALTO,, CA 94301   |   |                                      |   | 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)   |   |        | Tab   | le I - No    | on-Dei                | ivative   | Securitie   | es Acqu                       | uired, Disp                                     | osed of, or l  | Beneficially   | Owned   |                                     |
| 1.Title of Security<br>(Instr. 3)                                     |   |                                      | 2. Transaction<br>Date<br>(Month/Day/Year)  | Execution any   | ,      | , if (  | (Instr. 8)   |                       | 4. Securities Acquire (A) or Disposed of (Instr. 3, 4 and 5)  |   | of (D)                        | Beneficia<br>Reported                           | nt of Securities<br>ally Owned Following<br>I Transaction(s) |  | Ownership Form:                                   | Beneficial                          |
|   |   |                                      |   | (Month/Day/Ye   |        | ear)  | Code         | V                     | Amoun   | (A) or (D)  | Price                         |   | (Instr. 3 and 4)   |  | Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4)    | Ownership<br>(Instr. 4)             |
| Commor \$0.001  | Stock par   | value                                | 04/24/2012  |   |        |   | F            |                       | 16 <u>(1)</u>   | D   | \$<br>11.17                   | 93,538  |  |  | D   |                                     |
| Reminder:   | Report on a   | separate line f                      |   | Derivativ   | e Secu | ırities   | s Acqui      | Pers<br>cont<br>the t | ons what ained it form dis  | no respo<br>n this fo<br>splays a<br>of, or Be  | orm ar<br>a curre<br>eneficia | e not requently valid                           | OMB con  | formation<br>spond unle<br>trol numbe  | ss  | 1474 (9-02)                         |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transactic<br>Date<br>(Month/Day/ | n 3A. Deemed<br>Execution Da<br>any   | tte, if Transaction Code<br>Year) (Instr. 8)                |        | 5. N<br>of<br>D<br>Sc<br>A<br>(A<br>D<br>of<br>(I | 5.<br>Number |                       | 6. Date Exercisable<br>and Expiration Date<br>(Month/Day/Year)  |   | 7. 7<br>Am<br>Und<br>Sec      | fitle and nount of derlying purities str. 3 and | Derivative<br>Security<br>(Instr. 5)                         | 9. Number of<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | Owners Form of Derivat Security Direct ( or Indir | Beneficia<br>Ownershi<br>(Instr. 4) |
|   |   |                                      |   |   |        |   |              | Date                  |   | Expiration Date   | on Tit                        | Amount<br>or<br>Number<br>of                    |  |  |   |                                     |

#### **Reporting Owners**

|   | Relationships |              |                        |       |  |  |
|---|---------------|--------------|------------------------|-------|--|--|
| Reporting Owner Name / Address  | Director      | 10%<br>Owner | Officer                | Other |  |  |
| Baron Jessica T<br>C/O HERCULES TECHNOLOGY GROWTH CAPITAL<br>400 HAMILTON AVE., SUITE 310<br>PALO ALTO,, CA 94301 |               |              | Chief Financial Office |       |  |  |

#### **Signatures**

| /s/Scott Harvey, Attorney-in-Fact for Jessica Baron | 04/25/2012 |
|---|------------|
|   |            |

| **Signature of Penorting Person | Date |
|---------------------------------|------|
| -Signature of Reporting Person  |      |
|                                 |      |
|                                 | J    |
|                                 |      |

## **Explanation of Responses:**

- \* 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 24, 2012.

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.