FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| ngton, D.C. 20549 | OMB APPROVAL |
|-------------------|--------------|
| | |

| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP | OMB Number: | 3235-028 |
|--|-------------------------|----------|
| | Estimated average burde | n |
| Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 | hours per response: | 0 |
| | | |

| Check this box if no longer subject to |
|--|
| Section 16. Form 4 or Form 5 |
| obligations may continue. See |
| Instruction 1(h) |

Filed pursuan or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* <u>LEVY RICARDO B</u> | | | | | 2. Issuer Name and Ticker or Trading Symbol STEMCELLS INC [STEM] | | | | | | | | | | ationship of k all applica Director | ıble) | Perso | on(s) to Issu 10% Ov | |
|--|--|--|--|------------------|--|---------|--|-----|--|-----|---------|--|-----------------|---|---|---|-------|---|---|
| (Last) (First) (Middle) C/O STEMCELLS, INC. | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 09/26/2007 | | | | | | | | | | Officer (below) | give title | | Other (s below) | pecify |
| 3155 PORTER DRIVE | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable | | | | | |
| (Street) PALO ALTO CA 94304 | | | | | | | | | | | | | Line) X | ', | | | | | |
| (City) | (S | tate) | (Zip) | | | | | | | | | | | | | | | | |
| | | Та | ble I - Non- | Deriva | tive S | ecuriti | es A | cqu | uired, D | isp | osed o | of, or Be | nefici | ially | Owned | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | Execution Dat | | | | e, Transaction Disposed Of (D Code (Instr. | | | ies Acquired (A) or Of (D) (Instr. 3, 4 and 5 | | | 5. Amount Securities Beneficial Owned Fo | Forn (D) o | | n: Direct r Indirect istr. 4) | 7. Nature of Indirect Beneficial Ownership |
| | | | | | | | | | Code V | , | Amount | (A) o (D) | r Pri | се | Reported Transactio (Instr. 3 ar | tion(s) | | | (Instr. 4) |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date if any (Month/Day/Yea | Code | Transaction Code (Instr. | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | 7. Title and of Security Underlying Security (I | ies g Deriva | Derivative Security | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(: (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4 | Beneficial Ownership (Instr. 4) |
| | | | Code V (A) (D) Date Expiration Date Title Amount or Number of Shares | | | | | | | | | | | | | | | | |
| Stock Option (right to buy) | \$2.15 | 09/26/2007 | | A ⁽¹⁾ | | 10,000 | | 09/ | 26/2008 ⁽¹⁾ | 09/ | 26/2017 | Common Stock | 10,00 | 00(1) | \$0.00 ⁽¹⁾ | 10,000 |) | D | |

Remarks:

Ricardo B. Levy by Ken Stratton, Attorney-in-Fact

09/27/2007

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

^{1.} Compensated non-employee directors receive an initial option for 20,000 shares of the Company's common stock on appointment to the Board of Directors as such, and an option for 10,000 shares on each anniversary of appointment, with a strike price equal to the closing price of the stock on such date (or the last preceding business day) if such day is not a business day); initial options vest 1/3 on each of the first three anniversaries of appointment, and annual options vest on the first anniversary of each such option. Dr. Levy was appointed to the Board on September 26, 2001.