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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). |
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| Instruction 1(b). |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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| hours per response: | 0.5 |

| 1. Nume and Address of Reporting reison | | | 2. Issuer Name and Ticker or Trading Symbol <u>STEMCELLS INC</u> [STEM] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner |
|---|--|----------------|--|---|
| (Last) (First) (Middle) C/O STEMCELLS, INC. 3155 PORTER DRIVE | | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 06/30/2005 | Officer (give title X Other (specify below) principal accounting officer |
| (Street) PALO ALTO CA 943 | | 94304 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | if any 🧴 | 3. Transa Code (8) | | | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--|----------|------------------------------|---|--------|---------------|--------|---|---|---|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | |
| Common Stock | 06/30/2005 | | J ⁽¹⁾ | | 794 | Α | \$4.21 | 27,705 | D | |

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/Year) | 4. Transa Code (8) | | 5. Nu of Deriv Secu Acqu (A) of Dispo of (D) (Instr and 5 | vative rities ired r osed) . 3, 4 | 6. Date Exerc Expiration Da (Month/Day/Y | | | 8. Price of 9. Number of Derivative derivative Security (Instr. 5) Beneficially Owned Following Reported Transaction(s) (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|---|---|--|---|------------------------------|---|--|--|--|--------------------|-------|---|--|--|--|--|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. The Company's quarterly match of employee contributions to the 401(k) Plan is made in common stock of the Company.

Remarks:

<u>George Koshy by Iris Brest,</u> <u>Attorney-in-Fact</u>

06/30/2005

** Signature of Reporting Person Date

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

 \ast 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.