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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

## 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

# OMB APPROVAL OMB Number: 3235-0287

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| Estimated average burd | en        |
| hours per response:    | 0.5       |
|                        |           |

| 1. Name and Address of Reporting Person*  KOSHY GEORGE  (Last) (First) (Middle)  C/O STEMCELLS, INC. 3155 PORTER DRIVE |          |          | 2. Issuer Name and Ticker or Trading Symbol<br><u>STEMCELLS INC</u> [ STEM ] | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner<br>Officer (give title X Other (specify                  |  |  |  |  |
|--|----------|----------|--|---|--|--|--|--|
| C/O STEMCELI   | LS, INC. | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/30/2006               | below) A below)<br>chief accounting officer   |  |  |  |  |
| (Street)<br>PALO ALTO  | СА       | 94304    | 4. If Amendment, Date of Original Filed (Month/Day/Year)                     | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)<br>X Form filed by One Reporting Person<br>Form filed by More than One Reporting<br>Person |  |  |  |  |
| (City)   | (State)  | (Zip)    |  |   |  |  |  |  |

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

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transa<br>Code (<br>8) |   |        |               |        | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------|--|---|------------------------------|---|--------|---------------|--------|---|---|---|
|                                 |  |   | Code                         | v | Amount | (A) or<br>(D) | Price  | Transaction(s)<br>(Instr. 3 and 4)  |   | (instit 4)  |
| Common Stock                    | 06/30/2006                                 |   | <b>J</b> <sup>(1)</sup>      |   | 659    | Α             | \$2.05 | 29,114  | D   |   |

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | of  |     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr. 3<br>and 4) |  | 8. Price of<br>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) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |
|---|---|--|---|------------------------------|---|-----|-----|--|--------------------|---|--|---|--|--|--|--|--|
|   |   |  |   | Code                         | v | (A) | (D) | Date<br>Exercisable  | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>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>

06/30/2006

\*\* 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.