

Stratton Kenneth Blair  
 Form 4  
 January 31, 2012

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Stratton Kenneth Blair

2. Issuer Name and Ticker or Trading Symbol  
 STEMCELLS INC [STEM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 C/O STEMCELLS, INC., 7707  
 GATEWAY BLVD, STE 140  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 01/27/2012

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 General Counsel

NEWARK, CA 94560

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Common Stock                    | 01/27/2012                           |  | A                              | V   | Amount \$ 0 (1)   | 157,529 (2)  | D                                 |
| Common Stock                    |                                      |  |                                |   | 4,062   | I  | By 401(k) Plan (3)                |

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

**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 control number.**

SEC 1474 (9-02)

Edgar Filing: Stratton Kenneth Blair - Form 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/Year) | 4. Transaction Code (Instr. 8) | 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 Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Beneficially (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title                                      | Amount or Number of Shares                                       |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                 |       |
|---|---------------|-----------|-----------------|-------|
|   | Director      | 10% Owner | Officer         | Other |
| Stratton Kenneth Blair<br>C/O STEMCELLS, INC.<br>7707 GATEWAY BLVD, STE 140<br>NEWARK, CA 94560 |               |           | General Counsel |       |

## Signatures

/s/ Ken Stratton 01/31/2012

\*\*Signature of Reporting Person Date

## 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) Restricted stock units, with 1/4 vesting on January 27, 2013, 1/4 vesting on January 27, 2014, 1/4 vesting on January 27, 2015, and 1/4 vesting on January 27, 2016.  
Includes (1) 130,000 restricted stock units, with 32,500 of this vesting on each of January 27, 2013, January 27, 2014, January 27, 2015, and January 27, 2016; (2) 15,000 restricted stock units, with 5,000 vesting on each of June 1, 2012, June 1, 2013, and June 1, 2014; and (3) 4,667 restricted stock units, with 2,333 vesting on each of May 15, 2012 and May 15, 2013. Amounts reflect automatic adjustments under applicable benefit plans triggered by issuer's 1 for 10 reverse stock split.
- (3) Includes shares held in 401(k) account in accordance with issuer's employer-match policies.

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.