

**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).

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

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

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

(Last) (First) (Middle)

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

(Check all applicable)

C/O STEMCELLS, INC., 7707  
GATEWAY BLVD, STE 140

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

General Counsel

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

NEWARK, CA 94560

  X   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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D) Price			
Common Stock	01/27/2013		F <sup>(1)</sup>		12,428	D \$ 1.69	142,411 <sup>(2)</sup>	D	
Common Stock							10,337	I	By 401(k) Plan <sup>(3)</sup>

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. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
				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  
C/O STEMCELLS, INC.  
7707 GATEWAY BLVD, STE 140  
NEWARK, CA 94560

General Counsel

## Signatures

/s/ Ken Stratton                      01/29/2013

\_\_Signature of                      Date  
Reporting Person

## 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) This is recorded as a Code F disposition because the shares were used by the reporting person to pay a tax liability incurred by him from the delivery of shares incident to the vesting of restricted stock units.  
  
Includes (1) 97,500 restricted stock units, with 32,500 of this vesting on each of January 27, 2014, January 27, 2015, and January 27, 2016; (2) 10,000 restricted stock units, with 5,000 vesting on each of June 1, 2013 and June 1, 2014; and (2) 2,333 restricted stock units vesting on May 15, 2013.
- (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.