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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).

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 Estimated average burden

Estimated average burden	
hours per response:	0.5

1. Nume and Address of Reporting Leson			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					
,				Officer (give title V Other (specify					
	ast) (First) (Middle) O STEMCELLS, INC. 707 GATEWAY BLVD, STE 140		3. Date of Earliest Transaction (Month/Day/Year) 05/24/2013	below) Chief accounting officer					
//U/ GAIEW	AY BLVD, SI	E 140	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable					
(Street) NEWARK	СА	94560		Line) 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)	Transaction Code (Instr.		4. Securities A Disposed Of (6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)	
Common Stock	05/24/2013		A		100,000	Α	\$0.00 ⁽¹⁾	149,592	D		
Common Stock	06/01/2013		F ⁽²⁾		917	D	\$1.76	148,675 ⁽³⁾	D		
Common Stock								15,344	Ι	By 401(k) Plan ⁽⁴⁾	

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

				(e.g., p	uis, c	ans,	warr	ants,	options, d	conventio	le sec	unities)				
De Se	Title of crivative curity curity str. 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) or Dispo of (D) (Instr and 5	ative rities ired osed . 3, 4	6. Date Exerc Expiration Da (Month/Day/Y	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownership Form:	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. Restricted stock units, with 1/4 vesting on May 24, 2014, 1/4 vesting on May 24, 2015, 1/4 vesting on May 24, 2016, and 1/4 vesting on May 24, 2017.

2. 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. 3. Includes (1) 100,000 restricted stock units, with 50,000 of this vesting on each of May 24, 2014, May 24, 2015, May 24, 2016, and May 24, 2017; (2) 30,000 restricted stock units, with 10,000 of this vesting on each of January 27, 2014, January 27, 2016; and (3) 2,500 restricted stock units vesting on June 1, 2014.

4. Shares held in 401(k) account, in accordance with issuer's employer-match policies.

Remarks:

/s/ Ken Stratton, attorney-infact

06/07/2013

Date

** Signature of Reporting Person

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.