

TSUKAMOTO ANN
Form 4
June 24, 2010

FORM 4

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

OMB APPROVAL

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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 *
TSUKAMOTO ANN

(Last) (First) (Middle)

C/O STEMCELLS, INC., 3155
PORTER DRIVE

(Street)

PALO ALTO, CA 94304

(City) (State) (Zip)

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

3. Date of Earliest Transaction
(Month/Day/Year)
06/01/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
EVP, Research and Development

6. Individual or Joint/Group Filing(Check Applicable Line)
 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) | 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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price |
| Common Stock | 06/01/2010 | | A | | 700,000 | A | \$ 0 |
| Common Stock | | | | | 886,683 ⁽¹⁾ | D | |
| Common Stock | | | | | 22,834 | I | family trust ⁽²⁾ |
| Common Stock | | | | | 45,028 | I | By 401(k) Plan ⁽³⁾ |

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

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number.

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) | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--------------|----------------------|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount Number Shares |
| Stock Option (right to purchase) | \$ 1.02 | 06/01/2010 | | A | 200,000 | 06/01/2011 | 06/01/2020 | Common Stock | 200,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| TSUKAMOTO ANN C/O STEMCELLS, INC. 3155 PORTER DRIVE PALO ALTO, CA 94304 | | | EVP, Research and Development | |

Signatures

/s/ Ken Stratton,
attorney-in-fact

06/24/2010

**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).

- Includes (1) 700,000 restricted stock units, with 233,333 vesting on each of June 1, 2011, June 1, 2012 and June 1, 2013; (2) 70,000
- (1) restricted stock units, with 23,333 vesting on each of May 15, 2011, May 15, 2012 and May 15, 2013; and (3) 68,750 restricted stock units, vesting on March 10, 2011.
 - (2) 22,834 shares held in trust as to which Dr. Tsukamoto disclaims beneficial ownership.
 - (3) Shares held in 401(k) account in accordance with issuer's employer-match policies.
 - (4) Employee stock option; vests 1/4 on the first anniversary of the grant and 1/48 per month thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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