TSUKAMOTO ANN

Form 4

September 29, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB

3235-0287 Number:

January 31, Expires: 2005

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OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * TSUKAMOTO ANN

2. Issuer Name and Ticker or Trading Symbol

Issuer

(Check all applicable)

5. Relationship of Reporting Person(s) to

(Last)

Stock

(First) (Middle) 3. Date of Earliest Transaction

STEMCELLS INC [STEM]

Director

10% Owner

Beneficial

Ownership

(Instr. 4)

C/O STEMCELLS, INC., 3155

(Street)

(Month/Day/Year) 09/29/2006

X_ Officer (give title Other (specify below)

below) VP, Research & Development

PORTER DRIVE

4. If Amendment, Date Original

3.

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

PALO ALTO, CA 94304

(City) (State) (Zip)

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

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) any (Month/Day/Year)

Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

(A)

or

Price

4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect (I) Owned Following (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Common 09/29/2006 J(1)1.285

26,515 2.05

D

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

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

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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. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title a Amount of Underlying Securities (Instr. 3 a	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

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

VP, Research & Development

Signatures

Ann Tsukamoto by Iris Brest, Attorney-in-Fact

09/29/2006

Date

**Signature of 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) The Company's quarterly match of employee contributions to the 401(k) Plan is made in common stock of the Company.

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.

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