DERMA SCIENCES, INC.

Form 4

January 13, 2014

FORM 4

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

OMB Number: 3235-0287

OMB APPROVAL

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

Form 4 or Form 5 obligations may continue.

See Instruction

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

2. Issuer Name and Ticker or Trading

burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

RA CAPITAL MANAGEMENT, Symbol LLC DERMA			A SCIENCES, INC. [DSCI]				Issuer				
(Last)	(First)	(Middle)		3. Date of Earliest Transaction				(Check all applicable) Director 10% Owner			
C/O RA CAPITAL MANAGEMENT, LLC, 20 PARK PLAZA, SUITE 1200				(Month/Day/Year) 01/10/2014				Officer (give title _X_ Other (specify below) below) Fmr 10% Owner - See Fn (1)-(5)			
(Street) 4. If Amend Filed(Month			h/Day/Year) A _I				6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person				
BOSTON, MA 02116								_X_ Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	I - Non-Do	erivative Se	curitie	s Acquir	ed, Disposed of, o	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction (Month/Day/Y	Year) Exec	Deemed ution Date, if hth/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities over Dispose (Instr. 3, 4) Amount	d of (I))	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)	
COMMON STOCK, PAR VALUE \$0.01	01/10/2014			S	110,000 (1)	D	\$ 11.8	1,884,876	I	see footnote (4) (5)	
COMMON STOCK, PAR VALUE \$0.01	01/10/2014			S	190,000	D	\$ 11.85	1,694,876 (3)	I	see footnote (4) (5)	

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

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9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration Da	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative	e		Securi	ities	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
						Exercisable Date		Number		
				~					of	
				Code V	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
RA CAPITAL MANAGEMENT, LLC C/O RA CAPITAL MANAGEMENT, LLC 20 PARK PLAZA, SUITE 1200 BOSTON, MA 02116				Fmr 10% Owner - See Fn (1)-(5)			
Kolchinsky Peter C/O RA CAPITAL MANAGEMENT, LLC 20 PARK PLAZA, SUITE 1200 BOSTON, MA 02116				Fmr 10% Owner - See Fn (1)-(5)			
RA Capital Healthcare Fund LP C/O RA CAPITAL MANAGEMENT, LLC 20 PARK PLAZA, SUITE 1200 BOSTON, MA 02116				Fmr 10% Owner - See Fn (1)-(5)			
Clamature a							

Signatures

/s/ Peter Kolchinsky, Manager of RA Capital Management, LLC				
**Signature of Reporting Person	Date			
/s/ Peter Kolchinsky, individually	01/13/2014			
**Signature of Reporting Person	Date			
	01/13/2014			

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/s/ Peter Kolchinsky, Manager of RA Capital Management, LLC, General Partner of RA Capital Healthcare Fund, L.P.

**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) The securities sold include 0 shares for RA Capital Healthcare Fund, L.P. (the "Fund") and 110,000 shares for an account owned by Blackwell Partners, LLC (the "Blackwell Account
- (2) The securities sold include 0 shares for RA Capital Healthcare Fund, L.P. (the "Fund") and 190,000 shares for an account owned by Blackwell Partners, LLC (the "Blackwell Account").
- (3) Following the transactions set forth on Table I above, 1,315,849 shares are held by the Fund, and 379,027 shares are held in the Blackwell Account.
 - RA Capital Management, LLC (the "Adviser") is the general partner of the Fund and the investment adviser of the Blackwell Account.
- (4) Peter Kolchinsky is the sole manager of the Adviser. In their respective capacities, each of Mr. Kolchinsky and the Adviser may be deemed to beneficially own the reported securities.
- Pursuant to Rule 16a-1 under the Securities Exchange Act of 1934, as amended (the "Act"), each of the Reporting Persons disclaims beneficial ownership of the securities reported herein except to the extent of their respective pecuniary interests therein. The filing of this Form 4 shall not be construed as an admission that Mr. Kolchinsky or the Adviser is or was for the purposes of Section 16(a) of the Act, or otherwise, the beneficial owner of any of securities reported herein.

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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