DERMA SCIENCES, INC. Form SC 13G/A February 14, 2014

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

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 1)1

Derma Sciences, Inc. (Name of Issuer)

Common Stock, par value \$.01 per share (Title of Class of Securities)

249827 50 2 (CUSIP Number)

December 31, 2013 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- x Rule 13d-1(b)
- o Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

¹ The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

CUSIP NO. 249827 50 2

1	NAME OF REPORTING PERSON				
2	Raging Capital Master Fund, Ltd. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP SEC USE ONLY			(a) o (b) o	
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
NUMBER OF SHARES	CAYMAN ISLAI 5		SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH	6		- 0 - SHARED VOTING POWER		
REPORTING PERSON WITH	7		365,526 (1) SOLE DISPOSITIVE POWER		
	8		- 0 - SHARED DISPOSITIVE POWE	R	
9	AGGREGATE A		365,526 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON	
10	365,526 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES				
11	PERCENT OF C	LASS REPRES	ENTED BY AMOUNT IN ROW	(9)	
12	2.1% 12 TYPE OF REPORTING PERSON				
	СО				

(1) Includes 255,438 Shares issuable upon the exercise of warrants.

CUSIP NO. 249827 50 2

1	NAME OF REPORTING PERSON				
2	Raging Capital Management, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
NUMBER OF SHARES	DELAWARE	5	SOLE VOTING POWER		
BENEFICIALLY OWNED BY EACH	•	6	- 0 - SHARED VOTING POWER		
REPORTING PERSON WITH		7	365,526 (1) SOLE DISPOSITIVE POWER		
		8	- 0 - SHARED DISPOSITIVE POWE	R	
9	$365{,}526(1)$ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10	365,526 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
12	2.1% TYPE OF REP	.1% YPE OF REPORTING PERSON			
	IA				

(1) Includes 255,438 Shares issuable upon the exercise of warrants.

CUSIP NO. 249827 50 2

1	NAME OF REPORTING PERSON					
2	William C. Martin CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
NUMBER OF SHARES	USA	5	SOLE VOTING POWER			
BENEFICIALLY OWNED BY EACH		6	- 0 - SHARED VOTING POWER			
REPORTING PERSON WITH		7	365,526 (1) SOLE DISPOSITIVE POWER			
		8	- 0 - SHARED DISPOSITIVE POWE	R		
9	AGGREGATE	AMOUNT BEN	365,526 (1) EFICIALLY OWNED BY EACH	REPORTING PERSON		
10	365,526 (1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES					
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
12	2.1% TYPE OF REPORTING PERSON					
IN						
(1) In alm de a 255 A	20 Chamas is1	h1aa 4ha a	-:			

(1) Includes 255,438 Shares issuable upon the exercise of warrants.

CUSIP NO. 24982	50 2
Item 1(a).	Name of Issuer:
Derma Sciences, In	o.
Item 1(b).	Address of Issuer's Principal Executive Offices:
214 Carnegie Cento Princeton, NJ 0854	
Item 2(a).	Name of Person Filing:
Raging Capital M	led by Raging Capital Master Fund, Ltd., a Cayman Islands exempted company ("Raging Master anagement, LLC, a Delaware limited liability company ("Raging Capital"), and William foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."
Officer and Mana	ne Investment Manager of Raging Master. William C. Martin is the Chairman, Chief Investmenting Member of Raging Capital. By virtue of these relationships, each of Raging Capital and may be deemed to beneficially own the Issuer's Common Stock directly owned by Raging Master.
Item 2(b).	Address of Principal Business Office or, if none, Residence:
228, Rocky Hill, N	ess address of each of Raging Capital and William C. Martin is Ten Princeton Avenue, PO Boxew Jersey 08553. The principal business address of Raging Master is c/o Ogier Fiduciary Service 89 Nexus Way, Camana Bay, Grand Cayman KY 1-9007, Cayman Islands.
Item 2(c).	Citizenship:
0 0	ganized under the laws of the Cayman Islands. Raging Capital is organized under the laws of the William C. Martin is a citizen of the United States of America.
Item 2(d).	Title of Class of Securities:
Common Stock, pa	value \$.01 per share (the "Shares")
Item 2(e).	CUSIP Number:
249827 50 2	
Item 3.If this state filing is a:	nent is filed pursuant to Section 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person
	/ / Not Applicable
(a)	/ / Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
(b)	/ / Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
(c)	Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).

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(d)//Investmen	nt company register	red under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).							
(e)	/X/	Investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E).							
(f) //	Employee benefit	t plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F).							
(g) //	Parent holding co	ompany or control person in accordance with Section 240.13d-1(b)(1)(ii)(G).							
(h) // Savir	ngs association as d	defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).							
(i)/ /Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act (15 U.S.C. 80a-3).									
(j)	11	Non-U.S. institution in accordance with Section 240.13d-1(b)(1)(ii)(J).							
(k)	/ /	Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).							
Item 4.		Ownership.							
All ownership in	formation reported	in this Item 4 is as of the close of business on December 31, 2013.							
Raging Master									
	(a)	Amount beneficially owned:							
365,526 Shares(1)								
	(b)	Percent of class:							
` .	in the Issuer's Qua	es outstanding, which is the total number of Shares outstanding as of November 11 arterly Report on Form 10-Q filed with the Securities and Exchange Commission of Shares outstanding as of November 11.							
	(c)	Number of shares as to which such person has:							
	(i)	Sole power to vote or to direct the vote							
0 Shares									
	(ii)	Shared power to vote or to direct the vote							
365,526 Shares(1)								
6									

CUSIP NO. 24982	27 50 2	
	(iii)	Sole power to dispose or to direct the disposition of
0 Shares		
	(iv)	Shared power to dispose or to direct the disposition of
365,526 Shares(1)		
(1) Includes 255,4	38 Shares issuable upo	on the exercise of warrants.
Raging Capital		
	(a)	Amount beneficially owned:
365,526 Shares(1)		
	(b)	Percent of class:
_	n the Issuer's Quarterl	tstanding, which is the total number of Shares outstanding as of November 11, y Report on Form 10-Q filed with the Securities and Exchange Commission on
	(c)	Number of shares as to which such person has:
	(i)	Sole power to vote or to direct the vote
0 Shares		
	(ii)	Shared power to vote or to direct the vote
365,526 Shares(1)		
	(iii)	Sole power to dispose or to direct the disposition of
0 Shares		
	(iv)	Shared power to dispose or to direct the disposition of
365,526 Shares(1)		
	0,088 Shares directly owned by Raging Mas	owned by Raging Master and 255,438 Shares issuable upon the exercise of ter.
Mr. Martin		
	(a)	A mount beneficially owned:

365,526 Shares(1)

(b) Percent of class:

2.1% (based upon 17,285,084 Shares outstanding, which is the total number of Shares outstanding as of November 11, 2013 as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 12, 2013).

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(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote

0 Shares

(ii) Shared power to vote or to direct the vote

365,526 Shares(1)

(iii) Sole power to dispose or to direct the disposition of

0 Shares

(iv) Shared power to dispose or to direct the disposition of

365,526 Shares(1)

As the Investment Manager of Raging Master, Raging Capital may be deemed to beneficially own the Shares beneficially owned by Raging Master. As the Chairman, Chief Investment Officer and Managing Member of Raging Capital, Mr. Martin may be deemed to beneficially own the Shares beneficially owned by Raging Master.

The filing of this Schedule 13G shall not be construed as an admission that the Reporting Persons are, for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, the beneficial owners of any of the Shares reported herein. Each of the Reporting Persons specifically disclaims beneficial ownership of the Shares reported herein that are not directly owned by such Reporting Person.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable.

Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the 7. Parent Holding Company or Control Person.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

⁽¹⁾ Consists of 110,088 Shares directly owned by Raging Master and 255,438 Shares issuable upon the exercise of warrants directly owned by Raging Master.

See Exhibit 99.1 to the Schedule 13G filed by the Reporting Persons with the Securities and Exchange Commission on May 30, 2013.

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Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2014 Raging Capital Master Fund, Ltd.

By: Raging Capital Management, LLC

Investment Manager

By: /s/ Frederick C. Wasch

Name: Frederick C. Wasch Title: Chief Financial Officer

Raging Capital Management, LLC

By: /s/ Frederick C. Wasch

Name: Frederick C. Wasch Title: Chief Financial Officer

/s/ Frederick C. Wasch

Frederick C. Wasch as attorney-in-fact for

William C. Martin