Destination Maternity Corp Form SC 13G/A February 11, 2011

(a) [_]

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 4) *

	Destination Maternity Cor	rporation
(Nam	ne of Issuer)	
	Common Stock, par value \$	3.01 per share
(Title of Cl	lass of Securities)	
	25065D100	
(CUSI	IP Number) December 31, 2010	
(Date of Event Which	Requires Filing of this Stat	cement)
Check the appropriate box to designat Schedule is filed:	e the rule pursuant to which	n this
[X] Rule 13d-1(b)		
[_] Rule 13d-1(c)		
[_] Rule 13d-1(d)		
*The remainder of this cover page sha initial filing on this form with res and for any subsequent amendment con the disclosures provided in a prior	spect to the subject class of staining information which we	f securities,
The information required in the remaindeemed to be "filed" for the purpose Act of 1934 ("Act") or otherwise subject to all see the Notes).	of Section 18 of the Securit ject to the liabilities of th	ties Exchange nat section
CUSIP NO. 25065D100	13G F	 Page 2 of 8 Pages
(1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF	ABOVE PERSONS (entities only	y).
Renaissance Technologies LLC	26-0385758	
(2) CHECK THE APPROPRIATE BOX IF A M	 MEMBER OF A GROUP (SEE INSTRI	ICTIONS) ·

	(b) [_]				
(3)	SEC USE ONLY				
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Delaware				
		(5)	SOLE VOTING POWER		
	NUMBER OF SHARES BENEFICIALLY OWNED		344,100		
	BY EACH REPORTING PERSON WITH:	(6)	SHARED VOTING POWER		
			0		
		(7)	SOLE DISPOSITIVE POWER		
			344,300		
		(8)	SHARED DISPOSITIVE POWER		
			200		
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 344,500				
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW	(9) E	XCLUDES CERTAIN SHARES		
	(SEE INSTRUCTIONS)		[_]		
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT II	N ROW	(9)		
	5.43%				
(12)	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS IA	5)			
	Page 2 of 8 pag	ges =====			
CUS	IP NO. 25065D100 13G		Page 3 of 8 Page		
(1)	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON	ONS (ENTITIES ONLY).		
	James H. Simons				
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]				
(3)	SEC USE ONLY				
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION				

United States				
		(5) SOLE VOTING POWER		
NUMBER OF SHARE BENEFICIALLY OW	NED	0		
BY EACH REPORTING PERSON WITH:	NG	(6) SHARED VOTING POWER		
		0		
		(7) SOLE DISPOSITIVE POWER		
		0		
		(8) SHARED DISPOSITIVE POWER		
		0		
9) AGGREGATE AMOUN	T BENEFICIALLY OWNED 1	BY EACH REPORTING PERSON		
	0			
(10) CHECK BOX IF TH		ROW (9) EXCLUDES CERTAIN SHARES		
11) PERCENT OF CLA	SS REPRESENTED BY AMOU			
	0			
12) TYPE OF REPORTI	NG PERSON (SEE INSTRUC	CTIONS)		
	Page 3 of	8 pages		
CUSIP NO. 25065D10	0 1:	3G Page 3 of 8 Pag		
(1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSO		PERSONS (ENTITIES ONLY).		
RENAISSANCE TEC	RENAISSANCE TECHNOLOGIES HOLDINGS CORPORATION 13-3127734			
3) SEC USE ONLY				
	LACE OF ORGANIZATION			
4) CITIZENSHIP OR P	LACE OF ORGANIZATION			

NUMBER OF SHARES

344,100

BENEFICIALLY OWNED			
BY EACH REPORTING			
PERSON WITH:	(6) SHARED VOTING POWER		
	0		
	(7) SOLE DISPOSITIVE POWER		
	344,300		
	(8) SHARED DISPOSITIVE POWER		
	200		
(9) AGGREGATE AMOUNT BENEFIC	TALLY OWNED BY EACH REPORTING PERSON		
	344,500		
(10) CHECK BOX IF THE AGGREGATIONS (SEE INSTRUCTIONS)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
·	_1		
(11) PERCENT OF CLASS REPRES	ENTED BY AMOUNT IN ROW (9)		
	5.43 %		
(12) TYPE OF REPORTING PERSON	(SEE INSTRUCTIONS) HC		
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CUSIP NO. 25065D100	13G Page 4 of 8 Page.		
Item 1.			
(a) Name of Issuer			
Destination Maternity	Corporation		
(b) Address of Issuer's 1	rincipal Executive Offices.		
456 North Fifth Str	et, Philadelphia, PA 19123		
Item 2.			
(a) Name of Person Filing	:		
	ing filed by Renaissance Technologies LLC s ("Simons") and Renaissance Technologies Holding		
(b) Address of Principa	Business Office or, if none, Residence.		
The principal busine	ss address of the reporting persons is:		

800 Third Avenue

New York, New York 10022

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(c) Citizenship.

Dr. Simons is a United States citizen, RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

Common Stock, par value \$.01 per share

(e) CUSIP Number.

25065D100

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- Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13-d-2(b) or (c), check whether the person filing is a:
- (a) [_] Broker or dealer registered under section 15 of the Act.
- (b) [_] Bank as defined in section 3(a)(6) of the Act.
- (c) [_] Insurance Company as defined in section 3(a)(19) of the Act.
- (d) [_] Investment Company registered under section 8 of the Investment Company Act.
- (e) [x] Investment Adviser in accordance with Sec.240.13d-1(b)(1)(ii)(E).
- (f) [_] Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d-1 (b) (1) (ii) (F).
- (g) [_] Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G).
- (h) [_] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) [_] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
- (j) $[_]$ Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J).
- Item 4. Ownership.
 - (a) Amount beneficially owned.

RTC: 344,500 shares

Simons: O shares, because Dr. Simons is no longer deemed to be a control

person of RTC.

RTHC: 344,500 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 5.43 % Simons: 0 % RTHC: 5.43 %

- (c) Number of shares as to which the person has:
 - (i) sole power to vote or to direct the vote:

RTC: 344,100 Simons: 0 RTHC: 344,100

(ii) Shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of:

RTC: 344,300 Simons: 0 RTHC: 344,300

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

RTC: 200 Simons: 0 RTHC: 200

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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: [_]*

*As of January 1, 2010, James H. Simons ceased to be the beneficial owner of any of the securities reported herein.

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

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

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

Not applicable

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

Not applicable

Item 9. Notice of Dissolution of a Group.

Not applicable

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Item 10. Certification

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 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.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete

and correct.

Date: February 11, 2011

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

James H. Simons

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18~U.S.C.~1001).

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EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the shares of Common Stock, par value \$.01 per share of

Destination Maternity Corporation.

Date: February 11, 2011

Renaissance Technologies LLC

By: Mark Silber
Executive Vice President

James H. Simons

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

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