PGT, Inc. Form SC 13G February 13, 2014

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

	PGT, Inc.
(Na	ame of Issuer)
Comm	mon stock, par value \$.01 per share
(Title of C	Class of Securities)
	69336V101
(CUS	SIP Number) December 24, 2013
(Date of Event Which	h Requires Filing of this Statement)
Check the appropriate box to designate Schedule is filed:	ate the rule pursuant to which this
[X] Rule 13d-1(b)	
[_] Rule 13d-1(c)	
[_] Rule 13d-1(d)	
initial filing on this form with re	hall be filled out for a reporting person's espect to the subject class of securities, ontaining information which would alter r cover page.
deemed to be "filed" for the purpose Act of 1934 ("Act") or otherwise sub	ainder of this cover page shall not be e of Section 18 of the Securities Exchange bject to the liabilities of that section all other provisions of the Act (however,
CUSIP NO. 69336V101	13G Page 2 of 8 Page
(1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF	F ABOVE PERSONS (entities only).
Renaissance Technologies LLC	
(2) CHECK THE APPROPRIATE BOX IF A (a) [_]	MEMBER OF A GROUP (SEE INSTRUCTIONS):

	(b) [_]			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF OR	GANIZATION		
	Delaware			
			(5)	SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED			2,274,829	
	BY EACH REPORTING PERSON WITH:		(6)	SHARED VOTING POWER
				0
		(7)	SOLE DISPOSITIVE POWER	
			2,407,129	
			(8)	SHARED DISPOSITIVE POWER
				0
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,407,129			PORTING PERSON
(10)	CHECK BOX IF THE AGGREGAT (SEE INSTRUCTIONS)	E AMOUNT IN ROW (9) E	XCLUDES CERTAIN SHARES
	(SEE INSTRUCTIONS)			[_]
(11)	PERCENT OF CLASS REPRESE	NTED BY AMOUNT IN	ROW	(9)
		5.14 %		
(12)	TYPE OF REPORTING PERSON IA	(SEE INSTRUCTIONS)	
		Page 2 of 8 page		
		Page 3 of 8 page		
	IP NO. 69336V101	13G		Page 3 of 8 Page
(1)	NAMES OF REPORTING PERSON I.R.S. IDENTIFICATION NO	S.		
	RENAISSANCE TECHNOLOGIES	HOLDINGS CORPORAT	ION	13-3127734
(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	
Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	2,274,829
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	2,407,129
	(8) SHARED DISPOSITIVE POWER
	0
(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY	Y EACH REPORTING PERSON
2,407,129	
(10) CHECK BOX IF THE AGGREGATE AMOUNT IN F (SEE INSTRUCTIONS)	ROW (9) EXCLUDES CERTAIN SHARES
(11) PERCENT OF CLASS REPRESENTED BY AMOUN	T IN ROW (9)
5.14 %	
(12) TYPE OF REPORTING PERSON (SEE INSTRUCT	TIONS)
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Item 1.	
(a) Name of Issuer	
PGT, Inc.	
(b) Address of Issuer's Principal Execu	ative Offices.
1070 Technology Drive, North Venic	ce, FL 34275
Item 2.	
(a) Name of Person Filing:	
This Schedule 13G is being filed k ("RTC") and Renaissance Technologi	

(b) Address of Principal Business Office or, if none, Residence.

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

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.

69336V101

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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: 2,407,129 shares

RTHC: 2,407,129 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 5.14 % RTHC: 5.14 %

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

RTC: 2,274,829 RTHC: 2,274,829

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

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

RTC: 2,407,129 RTHC: 2,407,129

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

RTC: 0 RTHC: 0

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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: [_]

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 13, 2014

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

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 PGT, Inc.

Date: February 13, 2014

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

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