VECTOR GROUP LTD Form SC 13G February 11, 2011

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

		VECTOR GROUP LTD	
	(Na	me of Issuer)	
		common stock	
	(Title of C	lass of Securities)	
		92240M108	
	(CUS	IP Number) September 29, 2010	
(:	Date of Event Which	Requires Filing of th	is Statement)
Check the appropr Schedule is filed		te the rule pursuant t	o which this
[X] Rule 13d	-1 (b)		
[_] Rule 13d	-1 (c)		
[_] Rule 13d	-1 (d)		
initial filing of and for any subs	n this form with re	all be filled out for spect to the subject c ntaining information w cover page.	lass of securities,
deemed to be "file Act of 1934 ("Act	ed" for the purpose ") or otherwise sub	inder of this cover pa of Section 18 of the ject to the liabilitie ll other provisions of	Securities Exchange s of that section
CUSIP NO. 92240M	======================================	 13G	 Page 2 of 8 Pages
` ,	PORTING PERSONS. NTIFICATION NOS. OF	ABOVE PERSONS (entiti	es only).
Renaissance	Technologies LLC	26-0385758	
(2) CHECK THE AP:	PROPRIATE BOX IF A	MEMBER OF A GROUP (SEE	INSTRUCTIONS):

	(b) [_]			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Delaware			
		(5)	SOLE VOTING POWER	
	NUMBER OF SHARES BENEFICIALLY OWNED		3,683,865	
BY EACH REPORTING		(6)	SHARED VOTING POWER	
	I I I I I I I I I I I I I I I I I I I	(0)	0	
		(7)	SOLE DISPOSITIVE POWER	
			3,746,781	
		(0)	QUADED DIGDOGLETUE DOWN	
		(8)	SHARED DISPOSITIVE POWER	
			46,565	
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EAG.	CH RE	PORTING PERSON	
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)			
			[_]	
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT I	N ROW	(9)	
	5.06%			
(12)	TYPE OF REPORTING PERSON (SEE INSTRUCTION IA	 S)		
	Page 2 of 8 pa	ges		
CUS	IP NO. 92240M108 13G		Page 3 of 8 Page	
(1)	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS.			
	James H. Simons			
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF (a) [_] (b) [_]	A GRO	UP (SEE INSTRUCTIONS)	
3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION			

United States			
		(5) SOLE VOTING POWER	
NUMBER OF SHARES BENEFICIALLY OWNED		0	
BY EACH REPORTING PERSON WITH:		(6) SHARED VOTING POWER	
		0	
		(7) SOLE DISPOSITIVE POWER	
		0	
		(8) SHARED DISPOSITIVE POWER	
		0	
9) AGGREGATE AMOUNT BEN		H REPORTING PERSON	
	0		
10) CHECK BOX IF THE AGG (SEE INSTRUCTIONS)	REGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11) PERCENT OF CLASS RE	PRESENTED BY AMOUNT IN	ROW (9)	
	0		
(12) TYPE OF REPORTING PE	RSON (SEE INSTRUCTIONS)	
	Page 3 of 8 pag	es 	
CUSIP NO. 92240M108	13G	Page 3 of 8 Pag	
(1) NAMES OF REPORTING P	ERSONS. ON NOS. OF ABOVE PERSO	NS (ENTITIES ONLY).	
RENAISSANCE TECHNOLO	GIES HOLDINGS CORPORAT	ION 13-3127734	
(a) [_] (b) [_]			
3) SEC USE ONLY			
4) CITIZENSHIP OR PLACE	OF ORGANIZATION		
Delaware			
		(5) SOLE VOTING POWER	
NUMBER OF SHARES		3,683,865	

BENEFICIALLY OWNED			
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER		
	0		
	(7) SOLE DISPOSITIVE POWER		
	3,746,781		
	(8) SHARED DISPOSITIVE POWER		
	46,565		
(9) AGGREGATE AMOUNT BENEFICIALLY			
3,79.	3,346		
(10) CHECK BOX IF THE AGGREGATE AM (SEE INSTRUCTIONS)	OUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
[_]			
(11) PERCENT OF CLASS REPRESENTED	BY AMOUNT IN ROW (9)		
5.06	%		
(12) TYPE OF REPORTING PERSON (SEE	INSTRUCTIONS)		
Pa:	ge 3 of 8 pages		
CUSIP NO. 92240M108	13G Page 4 of 8 Pages		
Item 1.			
(a) Name of Issuer			
VECTOR GROUP LTD			
(b) Address of Issuer's Princip	pal Executive Offices.		
100 S.E. Second Street, M.	iami, Florida 33131		
Item 2.			

(a) Name of Person Filing:

This Schedule 13G is being filed by Renaissance Technologies LLC ("RTC"), James H. Simons ("Simons") and Renaissance Technologies Holdings Corporation ("RTHC").

(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.

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

(e) CUSIP Number.

92240M108

Page 4 of 8 pages

- 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.
- (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: 3,793,346 shares

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

person of RTC.

RTHC: 3,793,346 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 5.06 % Simons: 0 % RTHC: 5.06 %

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

RTC: 3,683,865

Simons: 0

RTHC: 3,683,865

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

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

RTC: 3,746,781

Simons: 0

RTHC: 3,746,781

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

RTC: 46,565 Simons: 0 RTHC: 46,565

Page 5 of 8 pages

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

Page 6 of 8 pages

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).

Page 7 of 8 Pages

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 of VECTOR GROUP LTD.

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

Page 8 of 8 Pages