NATURAL ALTERNATIVES INTERNATIONAL INC Form SC 13G/A

February 14, 2018

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 1) *

	NATURAL ALTERNATIVES INTERNATIONAL, INC.
(Name	of Issuer)
common	
	ss of Securities)
	638842302
(CUSIP	Number) December 29, 2017
(Date of Event Which Re	equires Filing of this Statement)
Check the appropriate box to designate Schedule is filed:	the rule pursuant to which this
[X] Rule 13d-1(b)	
[_] Rule 13d-1(c)	
[_] Rule 13d-1(d)	
The information required in the remaind deemed to be "filed" for the purpose of Act of 1934 ("Act") or otherwise subject of the Act but shall be subject to all see the Notes).	Section 18 of the Securities Exchange to the liabilities of that section
CUSIP NO. 638842302	13G Page 2 of 8 Pages
(1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF AB	BOVE PERSONS (entities only).
Renaissance Technologies LLC	26-0385758
(2) CHECK THE APPROPRIATE BOX IF A MEM (a) [_]	MBER OF A GROUP (SEE INSTRUCTIONS):

	(b) [_]			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF OR	RGANIZATION		
	Delaware			
			(5)	SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	BENEFICIALLY OWNED			483,554
			(6)	SHARED VOTING POWER
			0	
			(7)	SOLE DISPOSITIVE POWER
			489,759	
			(8)	SHARED DISPOSITIVE POWER
			22,043	
(9)	AGGREGATE AMOUNT BENEFIC	IALLY OWNED BY EAC	CH REI	PORTING PERSON
		511,802		
(10)	CHECK BOX IF THE AGGREGAT	FE AMOUNT IN ROW ((9) E	XCLUDES CERTAIN SHARES
	(SEE INSTRUCTIONS)			[_]
(11)	PERCENT OF CLASS REPRESE	ENTED BY AMOUNT IN	ROW	(9)
		6.89 %		
(12)	TYPE OF REPORTING PERSON IA	(SEE INSTRUCTIONS	5)	
		Page 2 of 8 pag	ges	
		Page 3 of 8 pag		
	IP NO. 638842302	13G		Page 3 of 8 Page
(1)	NAMES OF REPORTING PERSON	NS.		ENTITIES ONLY).
	RENAISSANCE TECHNOLOGIES	HOLDINGS CORPORAT	CION	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 ORGANIZATIO	N
Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	483,554
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	489 , 759
	(8) SHARED DISPOSITIVE POWER
	22,043
(9) AGGREGATE AMOUNT BENEFICIALLY OWNE	D BY EACH REPORTING PERSON
511,802	
(10) CHECK BOX IF THE AGGREGATE AMOUNT (SEE INSTRUCTIONS) [_]	IN ROW (9) EACLODES CERTAIN SHARES
(11) PERCENT OF CLASS REPRESENTED BY A	MOUNT IN ROW (9)
6.89 %	
(12) TYPE OF REPORTING PERSON (SEE INSTEAD	RUCTIONS)
Page 3	of 8 pages
CUSIP NO. 638842302	13G Page 4 of 8 Page:
Item 1.	
(a) Name of Issuer	
NATURAL ALTERNATIVES INTERNATIO	NAL, INC.
(b) Address of Issuer's Principal E	xecutive Offices.
1535 Faraday Drive, Carlsbad,	California 92008
Item 2.	
(a) Name of Person Filing:	
	ed by Renaissance Technologies LLC logies 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.

RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

common stock

(e) CUSIP Number.

638842302

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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: 511,802 shares

RTHC: 511,802 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 6.89 % RTHC: 6.89 %

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

RTC: 483,554 RTHC: 483,554

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

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

RTC: 489,759 RTHC: 489,759

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

RTC: 22,043 RTHC: 22,043

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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, 2018

Renaissance Technologies LLC

By: /s/ Mark Silber
Executive Vice President

Renaissance Technologies Holdings Corporation

By: /s/ 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 of NATURAL ALTERNATIVES INTERNATIONAL, INC.

Date: February 13, 2018

Renaissance Technologies LLC

By: /s/ Mark Silber
Executive Vice President

Renaissance Technologies Holdings Corporation

By: /s/ Mark Silber Vice President

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