REX AMERICAN RESOURCES Corp Form SC 13G February 12, 2016

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

	REX AMERICAN RES	SOURCES CORPORATION
	(Name of Issuer)	
(Common Stock, par value	\$.01 per share
(Title o	of Class of Securities)	
	761624105	
	(CUSIP Number) October 5, 2015	
(Date of Event W	hich Requires Filing of	this Statement)
Check the appropriate box to desi	ignate the rule pursuant	to which this
[X] Rule 13d-1(b)		
[_] Rule 13d-1(c)		
[_] Rule 13d-1(d)		
*The remainder of this cover page initial filing on this form with and for any subsequent amendment the disclosures provided in a page	h respect to the subject t containing informatior	class of securities,
The information required in the deemed to be "filed" for the pury Act of 1934 ("Act") or otherwise of the Act but shall be subject to see the Notes).	pose of Section 18 of th subject to the liabilit	ne Securities Exchange ties of that section
CUSIP NO. 761624105		Page 2 of 8 Page
NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only).		
Renaissance Technologies L	LC 26-0385758	
(2) CHECK THE APPROPRIATE BOX II (a) [_]	F A MEMBER OF A GROUP (S	SEE INSTRUCTIONS):

	(b) [_]		
(3)	SEC USE ONLY		
(4)	CITIZENSHIP OR PLACE OF ORGANIZ.	ATION	
	Delaware		
NUMBER OF SHARES BENEFICIALLY OWNED		(5) SOLE VOTING POWER	
		370,900	
	BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER	
		0	
		(7) SOLE DISPOSITIVE POWER	
		370,900	
		(8) SHARED DISPOSITIVE POWER	
		0	
(9)	AGGREGATE AMOUNT BENEFICIALLY	OWNED BY EACH REPORTING PERSON	
	370,9	00	
(10)		UNT IN ROW (9) EXCLUDES CERTAIN SHARES	
	(SEE INSTRUCTIONS)	[_]	
(11)	PERCENT OF CLASS REPRESENTED	BY AMOUNT IN ROW (9)	
	5.41	00	
(12)	TYPE OF REPORTING PERSON (SEE	INSTRUCTIONS)	
	Pag	e 2 of 8 pages	
	Pag	======================================	
		 13G	
(1)	NAMES OF REPORTING PERSONS.	ABOVE PERSONS (ENTITIES ONLY).	
	RENAISSANCE TECHNOLOGIES HOLDI	NGS CORPORATION 13-3127734	
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]		
	SEC USE ONLY		

(4) CITIZENSHIP OR PLACE OF ORGANIZATION	ON
Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	370 , 900
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	370,900
	(8) SHARED DISPOSITIVE POWER
	0
(9) AGGREGATE AMOUNT BENEFICIALLY OWN:	ED BY EACH REPORTING PERSON
370,900	
(10) CHECK BOX IF THE AGGREGATE AMOUNT (SEE INSTRUCTIONS)	
(11) PERCENT OF CLASS REPRESENTED BY	AMOUNT IN ROW (9)
5.41 %	
(12) TYPE OF REPORTING PERSON (SEE INSTALL) HC	TRUCTIONS)
Page 3	of 8 pages
CUSIP NO. 761624105	13G Page 4 of 8 Page:
Item 1.	
(a) Name of Issuer	
REX AMERICAN RESOURCES CORPORA	TION
(b) Address of Issuer's Principal	Executive Offices.
7720 Paragon Road, Dayton, Oh	io 45459
Item 2.	
(a) Name of Person Filing:	
	led by Renaissance Technologies LLC ologies 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, par value \$.01 per share

(e) CUSIP Number.

761624105

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.
- (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: 370,900 shares

RTHC: 370,900 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 5.41 % RTHC: 5.41 %

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

RTC: 370,900 RTHC: 370,900

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

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

RTC: 370,900 RTHC: 370,900

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

RTC: 0 RTHC: 0

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: [_]

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, 2016

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 $18\ U.S.C.\ 1001$).

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, par value \$.01 per share of REX AMERICAN RESOURCES CORPORATION.

Date: February 11, 2016

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

Page 8 of 8 Pages