

REPROS THERAPEUTICS INC.

Reported by
MASTERSON NOLA E

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/15/17 for the Period Ending 02/13/17

Address	2408 TIMBERLOCH PL SUITE B-7 WOODLANDS, TX 77380
Telephone	2817193400
CIK	0000897075
Symbol	RPRX
SIC Code	2836 - Biological Products, Except Diagnostic Substances
Industry	Biotechnology & Medical Research
Sector	Healthcare
Fiscal Year	12/31

FORM 4

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

OMB APPROVAL
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[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
Masterson Nola E		REPROS THERAPEUTICS INC. [RPRX]		<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner	
(Last) (First) (Middle)		3. Date of Earliest Transaction (MM/DD/YYYY)		<input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
768 WEST CALIFORNIA WAY		2/13/2017			
(Street)		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
WOODSIDE, CA 94062				<input checked="" type="checkbox"/> Form filed by One Reporting Person	
(City) (State) (Zip)				<input type="checkbox"/> Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	2/13/2017		A		40000	A	(1)	40000	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				

Explanation of Responses:

- (Consists of Restricted Stock Units (RSUs), representing the right to receive one share of the issuer's common stock for each vested RSU, that were awarded
1) on February 13, 2017 as compensation to non-employee members of the Board of Directors. The RSUs shall vest in thirty-six (36) equal increments on the last day of each calendar month from February 2017 through January 2020.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Masterson Nola E 768 WEST CALIFORNIA WAY WOODSIDE, CA 94062	X			

Signatures

/s/ Katherine A. Anderson, CPA

2/15/2017

**Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.