FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Machinatan	Γ	20540
Washington,	D.C.	20049

STATEMENT OF CHANGES IN BENEFICIAL OWNERSH	ΗP
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OMB APP	MB 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). 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 Lewis Karen							<u>rmacei</u>			c. [APLS]		ck all applica	ible)	j reisoi	10% Ow	ner
(Last)	,	irst) RMACEUTICA	(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 04/25/2022								below)	Chief People Off		Other (sp below)	Decily
(Street) WALTH	AM M	ſΑ	02451		4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Inc Line)) Form file Form file	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting				
(City)	(5	state)	(Zip)		Person												
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																
1. Title of Security (Instr. 3)			2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8) 4. Securities Disposed Of				5. Amount Securities Beneficial Owned Fo Reported	lly (6. Own Form: (D) or I (I) (Inst	Direct II Indirect E tr. 4) C	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		'		
Common Stock 04		04/25/	25/2022			J	J 1,250 ⁽¹⁾		D	\$0	22,224			D			
Common	on Stock 01/12/2023 A 19,634 ⁽²⁾ A \$0 42,075 ⁽³⁾					D											
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																
Derivative Conversion Date Security or Exercise (Month/Day/Year)		3A. Deemed Execution Date if any (Month/Day/Ye	Transaction Code (Instr.		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title an of Securit Underlyin Derivative (Instr. 3 a	ies g Security	Derivative Security	9. Number of derivative Securities Beneficially Owned Following Reported	e s illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	(A) (D)			Date Exercise blo		Expiration	Titlo	Amount or Number of	Trai	Transacti (Instr. 4)			

Explanation of Responses:

\$52.66

Stock Option (Right to

Buy) Stock Option

(Right to

1. This represents the cancellation of a PSU awards granted on 01/28/2021 that was originally reported in table I upon grant. The performance metrics were not met.

30,845

2. This represents a Restricted Stock Unit award granted 01/12/23 that vest annually from grant date over a four year period subject to continued service.

Α

- 3. This includes 125 shares from the 4/29/22 ESPP Purchase and 92 shares from the 10/31/22 ESPP Purchase.
- $4. \ This \ represents the \ cancellation \ of a performance stock \ option \ granted \ on \ 01/28/2021. \ The \ performance \ metrics \ were \ not \ met.$
- 5. This stock option will vest as to 25% of the shares underlying the options on the first anniversary of the grant, with the remaining 75% of the shares underlying the options vesting in equal monthly installments thereafter through the fourth anniversary of the grant, subject to the satisfaction of a specified performance condition and continued service.
- 6. This represents a stock option award granted 01/12/2023 that vest over a four year period. 25% vest one year from grant date and the remaining 75% vest monthly thereafter subject to continued service.

7,500⁽⁴⁾

(5)

(6)

01/27/2031

01/11/2033

/s/ David Watson, attorney-infact for Karen Lewis

01/17/2023

0

30,845

D

** Signature of Reporting Person

7,500

30,845

\$52.66

Stock

Stock

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).

04/25/2022

01/12/2023

** 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 Number.