FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

STATEMENT	OF CHANGES	IN BENEFICIAL	OWNERSHIP

	OMB APPROVAL									
l	OMB Number:	3235-0287								
	Estimated average burden									
I	hours per response:	0.5								

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*  RASTETTER WILLIAM H					2. Issuer Name <b>and</b> Ticker or Trading Symbol FATE THERAPEUTICS INC [ FATE ]							heck all appl	or		10% Ow	ner	
(Last) (First) (Middle) C/O FATE THERAPEUTICS, INC.;					3. Date of Earliest Transaction (Month/Day/Year) 05/02/2018							Office below	r (give title )		Other (s below)	pecify	
3535 GENERAL ATOMICS COURT, SUITE 200				4.	4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) SAN DIEGO CA 92121										X Form filed by One Reporting Person Form filed by More than One Reporting Person							
(City)	(S	tate)	(Zip)														
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
Date			Fransaction te onth/Day/Y	Execution Date,		Code (Ins			ed (A) or str. 3, 4 an	Benefic	es ially Following	Form (D) or	orm: Direct 0) or Indirect ) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
						Code V	Amoun	t (A) o	r Price	Transac (Instr. 3	tion(s)			iiisu. 4)			
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																
1. Title of Derivative Security (Instr. 3)	erivative Conversion Date Execution Date, curity or Exercise (Month/Day/Year) if any		Code	ansaction of ode (Instr. Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		Derivative Security	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
				Code	v	(A)	(D)	Date Exercisable	Expiratior Date	Title	Amount or Number of Shares						
Stock Option (right to buy)	\$9.78	05/02/2018		A		16,000		(1)	05/02/202	Common Stock	16,000	(2)	16,000	0	D		

## **Explanation of Responses:**

- 1. The shares subject to this option shall vest and become exercisable on the earlier of (i) May 2, 2019 or (ii) the date of the 2019 Annual Meeting of Stockholders, subject to the recipient's continued service on the Issuer's Board of Directors.
- 2. Not applicable.

## Remarks:

/s/ Cindy R. Tahl, as Attorney-05/04/2018 in-Fact

\*\* 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 Number.