Shanafelt Armen Form 4 December 05, 2017

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

(Last)

1.Title of

Security

(Instr. 3)

1. Name and Address of Reporting Person *

Shanafelt Armen

[AGLE]

(First) (Middle)

2. Issuer Name and Ticker or Trading Symbol

Aeglea BioTherapeutics, Inc.

3. Date of Earliest Transaction

(Month/Day/Year) 12/01/2017

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

X_ Director X 10% Owner Other (specify Officer (give title

C/O LILLY VENTURES, 115 W WASHINGTON STREET, SUITE 1680 SOUT

(Street)

(Month/Day/Year)

4. If Amendment, Date Original Filed(Month/Day/Year)

3.

Code

(Instr. 8)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

INDIANAPOLIS, IN 46204

(City) (State) (Zip)

Execution Date, if

(Month/Day/Year)

2. Transaction Date 2A. Deemed

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

TransactionAcquired (A) or

4. Securities

Disposed of (D)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership Form: Direct (D) or Indirect Beneficial (I)

(Instr. 4)

7. Nature of Indirect Ownership (Instr. 4)

(9-02)

(A)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of ionDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Director Stock Option (right to buy)	\$ 4.73	12/01/2017		A	30,000		<u>(1)</u>	11/30/2027	Common Stock	30,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
F	Director	10% Owner	Officer	Other		
Shanafelt Armen						
C/O LILLY VENTURES		X				
115 W WASHINGTON STREET, SUITE 1680 SOUT	X	Λ				
INDIANAPOLIS, IN 46204						

Signatures

/s/ Charles N. York II, by power of attorney

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) The stock option vests and becomes exercisable in 12 equal monthly installments beginning on January 1, 2018 until such time as the option is 100% vested, subject to the continuing service of the Reporting Person on each vesting date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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