

Benjamin Howard  
 Form 4  
 December 18, 2017

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person \*  
 Benjamin Howard

2. Issuer Name and Ticker or Trading Symbol  
 REPLIGEN CORP [RGEN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 C/O REPLIGEN CORPORATION, 41 SEYON ST, BLDG 1, STE 100

3. Date of Earliest Transaction (Month/Day/Year)  
 12/14/2017

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 VP Business Development

(Street)  
 WALTHAM, MA 02453

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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 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 Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	12/14/2017		M	A	2,646	\$ 15.91	36,554 D
Common Stock	12/14/2017		M	A	6,021	\$ 26.2	42,575 D
Common Stock	12/14/2017		M	A	4,062	\$ 26.05	46,637 D
Common Stock	12/14/2017		S	D	12,729	\$ 35.3394	33,908 D
						<u>(2)</u>	

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

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SEC 1474  
(9-02)

**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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 15.91	12/14/2017		M	2,646	<sup>(1)</sup> 02/27/2024	Common Stock	2,646
Stock Option (Right to Buy)	\$ 26.2	12/14/2017		M	6,021	<sup>(3)</sup> 02/26/2025	Common Stock	6,021
Stock Option (Right to Buy)	\$ 26.05	12/14/2017		M	4,062	<sup>(3)</sup> 02/26/2026	Common Stock	4,062

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Benjamin Howard C/O REPLIGEN CORPORATION 41 SEYON ST, BLDG 1, STE 100 WALTHAM, MA 02453			VP Business Development	

## Signatures

/s/ Jeffrey P. Leduc (Attorney in Fact) 12/18/2017

\*\*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) This option is currently exercisable.

\$35.3394 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$35.22 to \$35.70, inclusive.

(2) The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range.

(3) The shares vest in equal annual installments over a three-year period beginning on the first anniversary of the grant date.

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

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