FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden 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* ESSIG STUART | | | | | | 2. Issuer Name and Ticker or Trading Symbol INTEGRA LIFESCIENCES HOLDINGS CORP [IART] | | | | | | | | | | all app | olicable) ctor | g Perso | erson(s) to Issuer 10% Owner Other (specify | |
|--|--|---|--|--|---|---|---|-----|------------------------------------|-----------------------------|--------------------|---|-----------------|----------------------------|-------------------------------|--|---|---|---|--|
| (Last) (First) (Middle) 311 C ENTERPRISE DRIVE | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 05/17/2018 | | | | | | | | | Officer (give title below) | | | below) | | | |
| (Street) PLAINSBORO NJ 08536 (City) (State) (Zip) | | | | | 4. If <i>i</i> | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Indiv Line) X | lividual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person 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 (Month/I | | | | | n/Day/Year) | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Code (| Transaction Code (Instr. | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5) | | | and Securi Benefi Owned | | cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership |
| | | | | | | | | | Code | v | Amount | | (A) or (D) | Pric | е | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) |
| Common Stock 05/17/ | | | | | | 2018 | | A | | 1,171 | | A | \$0.00 | | 1,415,486 | |] | D | | |
| Common Stock 05/1 | | | | | 7/2018 | | | | A | | 3,433 | 3 | A | \$0.00 | | 1,418,919 | | D | | |
| Common Stock | | | | | | | | | | | | | | 6 | | 08,700 | | I | By GRAT | |
| | 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. Conversio or Exercis Price of Derivative Security | Conversion r Exercise (Month/Day/Year) Torice of Perivative Execution Date, if any (Month/Day/Year) | | | 4. Transaction Code (Instr. 8) | | n of | | 6. Date E Expiratio (Month/D | n Date | • | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | str. 3 | Deri | rice of vative urity tr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ow For Dir or (I) | nership | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | Code | v | (A) | (D) | Date Exercisal | | Expiration Date | Title | or Nun of | ount nber res | | | | | | |

Explanation of Responses:

Remarks:

/s/ Richard D. Gorelick; Attorney-in-Fact

05/21/2018

** Signature of Reporting Person

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.