FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject to |
|--|
| Section 16. Form 4 or Form 5 |
| obligations may continue. See |
| Instruction 1(h) |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* Willems Tim | | | | | | 2. Issuer Name and Ticker or Trading Symbol NCS Multistage Holdings, Inc. [NCSM] | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) Director | | | | | |
|--|---|--|--------------------------------------|--------|--------|--|-------|--|-----------------------------------|--|--|------------------------|--|---|--|---|--|---|--|
| (Last) (First) (Middle) C/O NCS MULTISTAGE HOLDINGS, INC. 19450 STATE HIGHWAY 249, SUITE 200 | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/14/2018 | | | | | | | | | | | | | |
| (Street) HOUSTON TX 77070 | | | | | 4. | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| (City) | (S | state) | (Zip) | Non Do | rivati | V0 S | 00111 | itios A | oquir | od F | Disposed | of or B | onoficia | Ily Owned | | | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Y | | | | | ction | 1 2A. Deemed Execution Dat | | | 3. Transaction Code (Instr. | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and | | | 5. Amount of Securities Beneficially Owned Following | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | (11 | | Instr. 4) | |
| Common Stock 03/14/201 | | | | | /2018 | 8 | | X | | 21,235 | A | \$1.24 | 568,494(1) | | I L | | y Family imited artnership ⁽¹⁾ | | |
| Common Stock 03/14/201 | | | | | /2018 | .8 | | S | | 21,235 | D | \$15.77 ⁽²⁾ | 547,259 ⁽¹⁾ | | I I | | y Family imited artnership ⁽¹⁾ | | |
| Common Stock | | | | | | | | | | | | | 22,572 ⁽³⁾ | | D | | | | |
| | | | Table | | | | | | | | sposed o | | | y Owned | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed 4. Execution Date, if any | | | 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) | | | d Amount ties g e Security nd 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | | 10. Ownershi Form: Direct (D) or Indirect (I) (Instr. 4 | Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercis | sable | Expiration Date | Title | Amount or Number of Shares | | | | | | |
| Option (right to buy) | \$1.24 | 03/14/2018 | | | X | | | 21,235 | (4) |) | 01/09/2019 | Common Stock | 21,235 | \$0 | | 0 | I | By Family Limited Partnership ⁽³⁾ | |
| Option (right to | \$5.88 | | | | | | | | (5) |) | 12/21/2022 | Common | 114.612 | | 114 | .612 | D | | |

Explanation of Responses:

- 1. These securities are held by the Willems Family Limited Partnership, a limited partnership of which the reporting person and his spouse are co-trustees of the sole general partner, Willems Family Management Trust. The reporting person disclaims beneficial ownership of the Issuer's securities held by the Willems Family Limited Partnership except to the extent of his pecuniary interest therein.
- 2. The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$15.51 to \$16.50. 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 ranges set forth in this footnote.
- 3. Consists of 22,572 restricted stock units which vest in three equal annual installments beginning on March 1, 2019.
- 4. These options have vested and are exercisable.
- 5. Consists of 45,846 vested and exercisable options and 68,766 options that vest and become exercisable in three equal annual installments beginning on May 3, 2018.

/s/ Kevin Trautner, attorney-infact

** Signature of Reporting Person

03/15/2018

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.