FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
| | | |

| 0 | Check this box if no longer subject to Section 16. Form 4 or Form 5 subligations may continue. See instruction 1(b). |
|-----|---|
| Jor | ma and Address of Departing Day |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* Black Archie C. | | | | | 2. Issuer Name and Ticker or Trading Symbol SPS COMMERCE INC [SPSC] | | | | | | | | | all app | olicable) ctor | g Person(s) to Is |)wner | |
|--|--|--------|----------------|-----------|--|---|---------------|------------------|-----------------|---|--|------------------------|---------|---|---|--|---|------------|
| (Last) 333 SOU SUITE 10 | TH SEVE | rst) (| (Middle) | 1 | | 3. Date of Earliest Transaction (Month/Day/Year) 07/31/2018 | | | | | | | X | X Officer (give title below) Other (specify below) CEO | | | | |
| (Street) MINNEA | APOLIS M | | 55402 (Zip) | | 4. I | Amen | dment, [| Date | of Orig | jinal Fi | led (Month/Da | ay/Year) | | 6. Indiv Line) X | vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| | | Tab | le I - N | Non-Deriv | ative | Sec | urities | Ac | quire | ed, D | isposed o | f, or E | Benefic | cially | Owne | ed | | |
| 1. Title of Security (Instr. 3) 2. Transac Date | | | 2. Transacti | on | on 2A. Deemed Execution Date, | | е, | 3. 4. Securities | | 4. Securities | es Acquired (A) or Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | | | | Ī | Code | v | Amount | (A) or (D) | Price | | | action(s) 3 and 4) | | (Instr. 4) |
| Common Stock 07/31/20 | | |)18 | .8 | | ĺ | S | | 10,000 | D | \$85.3 | 347(1) | 8 | 39,352 | D | | | |
| Common Stock | | | | | | | | | | | | | | | 200 | I | By Son-I | |
| Common Stock | | | | | | | | | | | | | | 200 | I | By Son- II | | |
| Common Stock | | | | | | | | | | | | | | | 200 | I | By Son- III | |
| Common Stock | | | | | | | | | | | | | 200 | | I | By Son- IV | | |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | |
| Derivative Conversion Date Execution Date, To Conversion or Exercise (Month/Day/Year) if any | | | | | Transaction of Code (Instr. Derivative | | | Expiration Date | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | Deriv Secu (Inst | | ative derivative ity Securities | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | Code | v | (A) | (D) | Date Exerc | cisable | Expiration Date | Title | or Numbe of Shares | | | | | | | |

Explanation of Responses:

1. Reflects the weighted average price of 10,000 shares of Common Stock of the Issuer sold by the reporting person in multiple transactions on July 31, 2018 with sales prices ranging from \$85.00 to \$85.90 per share. The reporting person undertakes to provide upon request by the U.S. Securities and Exchange Commission staff, the issuer, or a security holder of the issuer, full information regarding the number of shares purchased or sold at each separate price.

Remarks:

/s/ Jonathan R. Zimmerman,

08/02/2018 Attorney-in-Fact for Archie C.

** 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.