FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

| vvasiii | ngton, | D.C. | 20549 |
|---------|--------|------|-------|
| | | | |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | | | | |
|---------------------|-----------|--|--|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | | | | |
| Estimated average I | ourden | | | | | | | | | | |
| 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* DAVENPORT FRED B JR | | | | | 2. Issuer Name and Ticker or Trading Symbol Medpace Holdings, Inc. [MEDP] | | | | | | | | | | ationship k all appli Directo | , | | son(s) to Iss | | | |
|---|--|------------|----------|-------|--|---|------|-----------|--|-----|-----------------|-----------|--|-----------------------------------|---|--|---|---|--|--|--|
| (Last) | , | , | (Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) 05/17/2024 | | | | | | | | | | Officer below) | (give title | | Other (sbelow) | specify | |
| C/O MEDPACE HOLDINGS, INC. 5375 MEDPACE WAY | | | | | 4. If | 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 | | | | | | |
| (Street) | NATI O | H 4 | 45227 | | | | | | | | | | | | Form filed by More than One Reporting Person | | | | | | |
| (City) | (S | tate) (| (Zip) | | Rule 10b5-1(c) Transaction Indication Check this box to indicate that a transaction was made pursuant to a satisfy the affirmative defense conditions of Rule 10b5-1(c). See Inst | | | | | | | | ant to a | | | | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | Execution Date | | | Code (Ins | | | | red (A) o | , 4 and Securition Seneficion Owned I | | es Formially (D) Following (I) (I | | n: Direct r Indirect sstr. 4) | 7. Nature of Indirect Beneficial Ownership | | | |
| | | | | | | | | | | v | Amount | | (A) (D) | Prio | e | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) | |
| Common Stock | | | | | | | | | | | | | | | | 2,000 | | | | By Trust ⁽¹⁾ | |
| | 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 (Month/Day/Year) 3A. Deemed Execution Date, if any (Month/Day/Year) | | | | Date, | 4. Transa Code (I 8) | | of E | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | | Price of erivative ecurity nstr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | | Ownership Form: Direct (D) or Indirect (I) (Instr. 4 | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | | Date Exercisa | ble | Expiration Date | | Title | Amou or Numb of Share | er | | | | | | |
| Stock Option (Right to Buy) | \$393.3 | 05/17/2024 | | | A | | 953 | | (2) | | 05/17/20 | 31 | Common Stock | 953 | | \$0 | 953 | | D | | |

Explanation of Responses:

- 1. Owned by trust for the benefit of the Reporting Person.
- 2. The option vests on the earlier of (i) the day immediately preceding the date of the first annual meeting of the Issuer following the date of grant, and (ii) the first anniversary of the date of grant, subject to continued service on the board of directors of the Issuer through the vesting date.

Remarks:

/s/ Stephen P. Ewald, Attorneyin-Fact for Fred B. Davenport, 05/21/2024 Jr.

** 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.