FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 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

| Name and Address of Reporting Person* Petzel Christopher | | | | | 2. Issuer Name and Ticker or Trading Symbol Arena Group Holdings, Inc. [AREN] | | | | | | | | | ck all app | tor | ng Pers | 10% Ov | vner | |
|--|---|--|----------------|--|---|--|--------|--|-------------------|---|--------------------|---|--|---|---|--|--|------|--|
| (Last) | (First) (Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) 01/31/2024 | | | | | | | | below | er (give title | | Other (s below) | specify | | | |
| 200 VESEY ST 24TH FLOOR | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | | |
| (Street) | (Street) | | | | | | | | | | | | | 1 ′ | X Form filed by One Reporting Person | | | | |
| NEW YO | ORK N | Y 1 | 0281 | | | | | | | | | | | | Form filed by More than One Reporting Person | | | | |
| (City) | (S | tate) (2 | Zip) | | Rule 10b5-1(c) Transaction Indication | | | | | | | | on | | | | | | |
| | | | | | | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | | | | | | | | | | | | |
| | | Table | I - No | n-Deriva | tive S | Secui | rities | Acq | uired, | Dis | posed of | , or E | Benef | ficial | ly Own | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transact Date (Month/Day | | | | Executive (Executive (| | Deemed cution Date, ly nth/Day/Year) | | | | es Acquired (A) Of (D) (Instr. 3, | | | Benefic | ies cially Following | Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | Code | v | Amount | (A) (D) | or F | Price | Transa | action(s) 3 and 4) | | | (Instr. 4) | | |
| Common Stock 01/31/2 | | | | | 2024 | | | | A | | 40,385(1 |) [| A | \$ <mark>0</mark> | 0 50,010 | | | D | |
| 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) | Executi if any | Deemed 4. Transa Code (s) onth/Day/Year) | | nsaction de (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) | | 7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4) | | S (I | . Price of erivative ecurity nstr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | Code V | | (A) | (D) | Date Expirat Date | | Expiration Date | Title | Amou or Numb of Share | per | | | | | |

Explanation of Responses:

1. Represents an award of restricted stock units granted to the reporting person on the transaction date. One-twelfth of the award vests ratably on the last calendar day of each month of the 2024 calendar year, subject to the reporting person's continued service to the Issuer on each applicable vesting date.

/s/ Christopher Petzel

03/01/2024

** 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.