FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

| OMB Number: | 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).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| 10b5-1(c). See In | struction 10. | | | |
|-------------------|---------------|---------------|---|--|
| | | | 2. Issuer Name and Ticker or Trading Symbol Markforged Holding Corp [MKFG] | S. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner |
| | | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 05/11/2024 | X Officer (give title Other (specify below) |
| C/O MARKFOI | RGED HOLDIN | G CORPORATION | | Acting Chief Financial Officer |
| 60 TOWER ROAD | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person |
| (Street) | | | | Form filed by More than One Reporting Person |
| WALTHAM | MA | 02451 | | , |
| (City) | (State) | (Zip) | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| , (, | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transac Code (Ir 8) | | Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | Form: Direct (D) or Indirect (I) | Beneficial Ownership |
|--------------|--|---|---------------------------------|---|-------------------------------------|---------------|----------|--|-------------------------------------|-------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 05/11/2024 | | F ⁽¹⁾ | | 949 | D | \$0.5518 | 761,965 | 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 | 3A. Deemed Execution Date, if any (Month/Day/Year) | 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) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported | Form: Direct (D) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|---|---|--------------|---|--|-----|--|--------------------|--|-------------------------------------|---|--|---------------------|--|
| | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |

Explanation of Responses:

1. Shares withheld by Issuer to cover taxes associated with settlement of restricted stock units.

/s/ Stephen Karp, as Attorney-in-

Fact

** Signature of Reporting Person

05/14/2024 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.