# FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| (Print or Ty                                                                    | pe Response                                                                                                                                                                                                                                                                                                                                                        | s)                                    |                                                      |                                                                            |         |                                                                                                                       |            |                                                                                                                                               |                                                                     |                                                                                            |                                                         |        |                                                                                                                                |                                                          |                                                                   |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------|
| 1. Name and Address of Reporting Person * Karp Stephen                          |                                                                                                                                                                                                                                                                                                                                                                    |                                       |                                                      | 2. Issuer Name and Ticker or Trading Symbol Markforged Holding Corp [MKFG] |         |                                                                                                                       |            |                                                                                                                                               |                                                                     | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner |                                                         |        |                                                                                                                                |                                                          |                                                                   |
| (Last) (First) (Middle) C/O MARKFORGED HOLDING CORPORATION, 480 PLEASANT STREET |                                                                                                                                                                                                                                                                                                                                                                    |                                       |                                                      | 3. Date of Earliest Transaction (Month/Day/Year) 09/20/2021                |         |                                                                                                                       |            |                                                                                                                                               | X Officer (give title below) Other (specify below)  General Counsel |                                                                                            |                                                         |        |                                                                                                                                |                                                          |                                                                   |
| (Street) WATERTOWN, MA 02472                                                    |                                                                                                                                                                                                                                                                                                                                                                    |                                       | 4. If Amendment, Date Original Filed(Month/Day/Year) |                                                                            |         |                                                                                                                       |            | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting Person |                                                                     |                                                                                            |                                                         |        |                                                                                                                                |                                                          |                                                                   |
| (City) (State) (Zip)                                                            |                                                                                                                                                                                                                                                                                                                                                                    |                                       | Table I - Non-Derivative Securities Acqui            |                                                                            |         |                                                                                                                       |            |                                                                                                                                               | ired, Disposed of, or Beneficially Owned                            |                                                                                            |                                                         |        |                                                                                                                                |                                                          |                                                                   |
| 1.Title of Security (Instr. 3)                                                  |                                                                                                                                                                                                                                                                                                                                                                    |                                       | 2. Transaction<br>Date<br>(Month/Day/Year)           | 2A. Deemed<br>Execution Date, if<br>) any<br>(Month/Day/Year               |         | Code<br>(Instr. 8)                                                                                                    |            | 4. Securities Acqu (A) or Disposed or (Instr. 3, 4 and 5)  (A) or Amount (D)                                                                  |                                                                     | of (D)                                                                                     | Reported Transaction(s) (Instr. 3 and 4)                |        | Following                                                                                                                      | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
| Common                                                                          | Stock                                                                                                                                                                                                                                                                                                                                                              |                                       | 09/20/2021                                           |                                                                            |         | A <sup>(1)</sup>                                                                                                      |            | 10,00                                                                                                                                         |                                                                     | \$ 0                                                                                       | 10,000                                                  |        |                                                                                                                                | D                                                        |                                                                   |
| Reminder:                                                                       | Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.  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 control number.  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned |                                       |                                                      |                                                                            |         |                                                                                                                       |            |                                                                                                                                               |                                                                     |                                                                                            |                                                         |        |                                                                                                                                |                                                          |                                                                   |
| 1 Tid 6                                                                         | l <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                     | 2 T                                   |                                                      | e.g., puts, call                                                           |         |                                                                                                                       |            |                                                                                                                                               |                                                                     |                                                                                            | itle and                                                | 0 D.:C | 0 November                                                                                                                     | . C 10                                                   | 11 . Notes                                                        |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                             | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security                                                                                                                                                                                                                                                                                              | 3. Transaction<br>Date<br>(Month/Day/ | Year) Execution Da                                   | 4. Transact<br>Code<br>Year) (Instr. 8)                                    | tion [] | 5.<br>Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | and<br>(Mo | and Expiration Date (Month/Day/Year)  A U So (I                                                                                               |                                                                     | Ame<br>Und<br>Secu                                                                         | ount of derlying urities tr. 3 and Derivativ (Instr. 5) |        | f 9. Number of<br>e Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | Owners Form of Derivat Security Direct ( or Indir        | Ownershi<br>V: (Instr. 4)<br>D)<br>ect                            |
|                                                                                 |                                                                                                                                                                                                                                                                                                                                                                    |                                       |                                                      | Code                                                                       | V       | (A) (D)                                                                                                               |            | e<br>rcisable                                                                                                                                 | Expiratio<br>Date                                                   | n<br>Title                                                                                 | Amount or Number of Shares                              |        |                                                                                                                                |                                                          |                                                                   |

### **Reporting Owners**

|        |                                                                             |          | Relationships |                 |       |  |  |  |
|--------|-----------------------------------------------------------------------------|----------|---------------|-----------------|-------|--|--|--|
|        | Reporting Owner Name / Address                                              | Director | 10%<br>Owner  | Officer         | Other |  |  |  |
| 480 PL | tephen<br>ARKFORGED HOLDING CORPORATION<br>EASANT STREET<br>RTOWN, MA 02472 |          |               | General Counsel |       |  |  |  |

# **Signatures**

| /s/ Stephen Karp                 | 09/22/2021 |
|----------------------------------|------------|
| ***Signature of Reporting Person | Date       |

## **Explanation of Responses:**

- \* 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).
- Consists of a Restricted Stock Unit ("RSU") award made pursuant to the Issuer's 2021 Stock Option and Incentive Plan. Each RSU represents a contingent right to receive (1) one share of the Issuer's common stock upon settlement for no consideration. The RSUs shall vest in sixteen equal quarterly installments, with the first installment vesting on October 15, 2021, subject to the Reporting Person's continuous service to the Issuer on each such date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.