

INITIAL STATEMENT OF 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 Type Responses)

1. Name and Address of Reporting Person* Mark Gregory (Last) (First) (Middle) C/O MARKFORGED HOLDING CORPORATION, 480 PLEASANT STREET (Street) WATERTOWN, MA 02472 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 07/14/2021	3. Issuer Name and Ticker or Trading Symbol Markforged Holding Corp [MKFG]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
		5. If Amendment, Date Original Filed(Month/Day/Year)	
6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	19,301,998	D	
Common Stock	2,669,863	I	By: The Gregory Mark Irrevocable Family Trust ⁽¹⁾
Common Stock	1,334,932	I	By: The Gregory Mark 2020 Grantor Retained Annuity Trust ⁽²⁾

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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 Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (Right to Buy)	⁽³⁾	10/21/2030	Common Stock	401,823	\$ 2.18	D	
Earnout Shares	⁽⁴⁾	07/14/2026	Common Stock	1,781,353	\$ 0	D	
Earnout Shares	⁽⁵⁾	07/14/2026	Common Stock	241,373	\$ 0	I	By: The Gregory Mark Irrevocable Family Trust ⁽¹⁾
Earnout Shares	⁽⁶⁾	07/14/2026	Common Stock	120,686	\$ 0	I	By: The Gregory Mark 2020 Grantor Retained Annuity Trust ⁽²⁾

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mark Gregory C/O MARKFORGED HOLDING CORPORATION 480 PLEASANT STREET WATERTOWN, MA 02472	X	X		

Signatures

/s/ Stephen Karp, Attorney-in-Fact for Gregory T. Mark

07/14/2021

--Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

(1) The Trustees of The Gregory Mark Irrevocable Family Trust are the reporting person and two immediate family members. Voting and investment power of the shares is exercised by the reporting person and his co-trustees.

(2) The Trustee of The Gregory Mark 2020 Grantor Retained Annuity Trust is the reporting person.

(3) This stock option shall vest over four years, with 25% of the shares vesting 12 months after the vesting commencement date, and 1/48 of the shares shall vest on each monthly anniversary.

(4) On July 14, 2021 (the "Closing Date") one, the Issuer's predecessor, consummated the business combination (the "Business Combination") pursuant to the terms of the merger agreement dated as of February 23, 2021 by and among one, Caspian Merger Sub Inc., a Delaware corporation and MarkForged, Inc., a Delaware corporation. On the Closing Date, Gregory Mark., received the right to acquire 1,781,353 shares of the Issuer's Common Stock in connection with the Business Combination, (i) 971,647 of which will be released from escrow if the value weighted average price ("VWAP") for at least 20 of any 30 consecutive trading days following the Closing Date is at least \$12.50; and (ii) 809,706 of which will be released from such escrow if the VWAP for at least 20 of any 30 consecutive trading days following the Closing Date is at least \$15.00. Any shares not eligible to be released within five years of the Closing Date will be forfeited and canceled.

(5) On the Closing Date, The Gregory Mark Irrevocable Family Trust., received the right to acquire 241,373 shares of the Issuer's Common Stock in connection with the Business Combination, (i) 131,658 of which will be released from escrow if the VWAP for at least 20 of any 30 consecutive trading days following the Closing Date is at least \$12.50; and (ii) 109,715 of which will be released from such escrow if the VWAP for at least 20 of any 30 consecutive trading days following the Closing Date is at least \$15.00. Any shares not eligible to be released within five years of the Closing Date will be forfeited and canceled.

(6) On the Closing Date, The Gregory Mark 2020 Grantor Retained Annuity Trust, received the right to acquire 120,686 shares of the Issuer's Common Stock in connection with the Business Combination, (i) 65,829 of which will be released from escrow if the VWAP for at least 20 of any 30 consecutive trading days following the Closing Date is at least \$12.50; and (ii) 54,857 of which will be released from such escrow if the VWAP for at least 20 of any 30 consecutive trading days following the Closing Date is at least \$15.00. Any shares not eligible to be released within five years of the Closing Date will be forfeited and canceled.

Remarks:

Exhibit 24: Power of Attorney

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.

LIMITED POWER OF ATTORNEY

The undersigned hereby constitutes and appoints each of Shai Terem, Mark Schwartz and Stephen Karp, signing singly, and with full power of substitution, the undersigned's true and lawful attorney-in-fact to:

(1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of **Markforged Holding Corporation** (the "Company"), from time to time the following U.S. Securities and Exchange Commission ("SEC") forms: (i) Form ID, including any attached documents, to effect the assignment of codes to the undersigned to be used in the transmission of information to the SEC using the EDGAR System; (ii) Form 3, Initial Statement of Beneficial Ownership of Securities, including any attached documents; (iii) Form 4, Statement of Changes in Beneficial Ownership of Securities, including any attached documents; (iv) Form 5, Annual Statement of Beneficial Ownership of Securities in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules thereunder, including any attached documents; (v) Schedule 13D and (vi) amendments of each thereof, in accordance with the Securities Exchange Act of 1934, as amended, and the rules thereunder, including any attached documents;

(2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5, Schedule 13D or any amendment(s) thereto, and timely file such form(s) with the SEC and any securities exchange, national association or similar authority; and

(3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact, acting singly, full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 or Regulation 13D-G of the Securities Exchange Act of 1934, as amended. The undersigned hereby agrees to indemnify the attorneys-in-fact and the Company from and against any demand, damage, loss, cost or expense arising from any false or misleading information provided by the undersigned to the attorneys-in-fact.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file such forms with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact. This Power of Attorney supersedes any prior power of attorney in connection with the undersigned's capacity as an officer and/or director of the Company. This Power of Attorney shall expire as to any individual attorney-in-fact if such attorney-in-fact ceases to be an executive officer of, or legal counsel to the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of July 14, 2021.

/s/ Gregory Mark
Gregory Mark
