

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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* <u>RUCH JOSHUA</u> _____ (Last) (First) (Middle) <u>C/O SEMA4 HOLDINGS CORP.</u> <u>333 LUDLOW ST, NORTH TOWER, 8TH FL.</u> _____ (Street) <u>STAMFORD CT 06902</u> _____ (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <u>Sema4 Holdings Corp. [SMFR]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)		
			3. Date of Earliest Transaction (Month/Day/Year) <u>10/15/2021</u>					
			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		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 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 Exercisable	Expiration Date						Title
Employee Stock Option (Right to Buy)	\$7.79	10/15/2021		A		22,286		(1)	10/14/2031	Class A Common Stock	22,286	\$0.00	22,286	D	
Employee Stock Option (Right to Buy)	\$7.79	10/15/2021		A		22,286		(2)	10/14/2031	Class A Common Stock	22,286	\$0.00	22,286	D	
Restricted Stock Unit	(3)	10/15/2021		A		12,836		(1)	(1)	Class A Common Stock	12,836	\$0.00	12,836	D	
Restricted Stock Unit	(3)	10/15/2021		A		12,836		(4)	(4)	Class A Common Stock	12,836	\$0.00	12,836	D	

Explanation of Responses:

- The stock options and restricted stock units ("RSUs") will vest on the earlier of (i) the date of the next annual meeting of the Issuer's shareholders following the grant date and (ii) the first anniversary of the grant date, in each case so long as the Reporting Person continues to provide services to the Issuer through such vesting date.
- The stock option shall vest as of 1/36 of the total shares monthly beginning on November 15, 2021 until fully vested, subject to the Reporting Person continuing to provide services to the Issuer through each vesting date.
- Each RSU represents a contingent right to receive 1 share of the Issuer's Class A Common Stock upon settlement for no consideration.
- The RSUs will vest in equal annual installments over the three-year period following the grant date, subject to the Reporting Person continuing to provide services to the Issuer through each vesting date.

Remarks:

/s/ Daniel Clark, Attorney-in-Fact 10/19/2021

** 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.