SEC Foi	rm 4 FORM	4 U	ΝΙΤΙ	ED STAT	ΓES	SEC				EXCHAI	NGE	сом	MIS	SIOI	N				
							Washi	ngton, [D.C. 2	0549							ROVAL	.	
to Sec obligat	this box if no lo tion 16. Form 4 tions may contin tion 1(b).	or Form 5	STATEMENT OF CHANGES IN BENEFICIAL OWNE Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940										RSH	ΗP	Estim	OMB Number: 3235-0287 Estimated average burden hours per response: 0.5			
1. Name and Address of Reporting Person [*] <u>Papkoff Jacqueline Sybil</u>					2. Issuer Name and Ticker or Trading Symbol <u>ASSEMBLY BIOSCIENCES, INC.</u> [ASMB]									all appl Direct Office	licable) tor r (give title	Oth	o Owner er (speci	ner	
(Last)(First)(Middle)C/O ASSEMBLY BIOSCIENCES, INC.331 OYSTER POINT BLVD., FOURTH FLO				,	3. Date of Earliest Transaction (Month/Day/Year) 12/14/2020								A below) below) SVP-CSO Microbiome						
(Street) SOUTH SAN FRANCISCO CA 94080					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)							 S. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person 						
(City) (State) (Zip)																			
		Table	I - N	on-Deriva	ative	Secur	rities Ac	quire	d, D	isposed of	f, or B	Benefic	ially	Own	ed				
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/					Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4			and 5) Securit Benefic		ties cially Following	6. Ownershij Form: Direct (D) or Indirec (I) (Instr. 4)	t Bene Owne	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code	v	Amount	(A) or (D)	Price		Transa	ction(s) 3 and 4)		(insu	. 4)	
Common Stock 12/14/20					20			S ⁽¹⁾		1,297	D	\$6.154	48 ⁽²⁾	32	7,364	D			
		Ta	ble II							posed of, , convertib)wneo	k				
Derivative Conversion Date Exect Security or Exercise (Month/Day/Year) if any				5. Number of e (Instr. Berivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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 derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	Owners Form: Direct (I or Indire (I) (Instr	hip of I Ber) Ow ect (Ins	Nature Indirec neficia /nershi str. 4)			

Explanation of Responses:

1. The sale reported on this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person and represents shares sold to cover tax withholding obligations in connection with the vesting of restricted stock units.

(A) (D)

Date Exercisable Expiration Date

2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$6.12 to \$6.25, inclusive. The reporting person undertakes to provide the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within.

Remarks:

<u>/s/ John O. Gunderson, as</u> <u>Attorney-in-Fact</u>

Amount or Number

Shares

of

Title

12/15/2020

** 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).

Code V

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.