

OMB APPROVAL	
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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>Farrell Robert E Jr</u> _____ (Last) (First) (Middle) <u>C/O MORPHIC HOLDING, INC.</u> <u>35 GATEHOUSE DRIVE, A2</u> _____ (Street) <u>WALTHAM MA 02451</u> _____ (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <u>Morphic Holding, Inc. [MORF]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ Officer (give title below) _____ Other (specify below) _____ <input checked="" type="checkbox"/> SVP Finance and CAO		
			3. Date of Earliest Transaction (Month/Day/Year) <u>01/14/2022</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 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 Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy Common Stock)	\$44.75	01/14/2022		A		60,288		(1)	01/13/2032	Common Stock	60,288	\$0.00	60,288	D	
Restricted Stock Units (RSU)	(2)	01/14/2022		A		13,880		(3)	01/13/2032	Common Stock	13,880	\$0.00	13,880	D	

Explanation of Responses:

- The option vests as to 2.0833% of the total shares monthly, beginning February 14, 2022, with 100% of the total shares vested and exercisable on January 14, 2026, subject to the reporting person's provision of service to the issuer on each vesting date.
- Each RSU represents a contingent right to receive 1 share of the issuer's Common Stock upon settlement.
- The RSUs vest as to 25% of the total shares on each of January 14, 2023, January 14, 2024, January 14, 2025, and January 14, 2026, subject to the reporting person's provision of service to the issuer on each vesting date.

Remarks:

/s/ Robert Farrell

01/19/2022

** 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.