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

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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

Class (First) (Midde) (Midde	Person Reporting Person Ficially Owned Ownership Form:	ble Line) 7. Nature
ORLANDO, FL 32826 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Benefic (A) or Disposed of (D) (Instr. 3) (Instr. 3) (Instr. 3) (Month/Day/Year) Class A Common Stock 08/19/2022 A A 350,000 A \$ 0 805,133 Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of 2. Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 4. If Amendment, Date Original Filed(Month/Day/Year) 5. Individual or Joint/Group IX_Form filed by More than One Reporting Preparation Profiled Profiled By More than One Reporting Preparation Profiled Pro	Reporting Person Ficially Owned 6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Benefic I. Title of Security (Instr. 3) 2A. Deemed Execution Date, if (Month/Day/Year) 3. Transaction (A) or Disposed of (D) (Instr. 3, 4 and 5) (Instr. 3) (Instr. 3 and 4) Code V Amount (D) Price Class A Common Stock 08/19/2022 A 350,000 A \$ 0 805,133 Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Persons who respond to the collection of informat contained in this form are not required to respond the form displays a currently valid OMB control nutre form displays a currently valid OMB control	wing 6. Ownership Form: Direct (D) or Indirect (I)	of Indirect Beneficial Ownership
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1. Title of 2. 3. Transaction Date Security or Exercise (Month/Day/Year) Any Security Security or Exercise (Month/Day/Year) Any Security S	iumber.	
Derivative Security Securities Acquired (A) or (Instr. 3 and 4) Owner Follow Report	ivative curities reficially ded owing over the content of the content of the curity owing or Indirect (I) or I	Ownersh (Instr. 4) D) ect
Amount or Number of Shares		
Reporting Owners Relationships		

	Relationships			
Reporting Owner Name / Address	Director	10% Owner	Officer	Other
Fennimore Thomas C/O LUMINAR TECHNOLOGIES, INC. 2603 DISCOVERY DRIVE, SUITE 100 ORLANDO, FL 32826			Chief Financial Officer	

Signatures

/s/ Thomas J. Fennimore	08/23/2022
**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).
- (1) Represents shares of Class A Common Stock underlying a time-based restricted stock unit award ("RSU"). Subject to the continuous service of the Reporting Person on each vesting date, the RSUs will vest quarterly with 3/10ths vesting on September 5, 2022 and 1/10th vesting quarterly thereafter until June 5, 2024.

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.