

FORM 4

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

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person * Doyle Thomas P. <small>(Last) (First) (Middle)</small>		2. Issuer Name and Ticker or Trading Symbol Heliogen, Inc. [HLGN]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <small>Director _____ 10% Owner _____ X Officer (give title below) _____ Other (specify below) _____</small> Chief Commercial Officer	
C/O HELIOGEN, INC., 130 W UNION STREET <small>(Street)</small>		3. Date of Earliest Transaction (Month/Day/Year) 12/30/2021		6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person ____ Form filed by More than One Reporting Person	
PASADENA, CA 91103 <small>(City) (State) (Zip)</small>		4. If Amendment, Date Original Filed (Month/Day/Year)			

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			
Common Stock	12/30/2021		A		503,321 (1)	A	\$ 0	503,321	D	

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

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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 Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Employee Stock Option (right to buy)	\$ 0.18	12/30/2021		A		1,006,642		(2)	01/22/2031	Common Stock	\$ 0 (3)	1,006,642	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Doyle Thomas P. C/O HELIOGEN, INC. 130 W UNION STREET PASADENA, CA 91103			Chief Commercial Officer	

Signatures

/s/ Dorothy Vinsky, Attorney-in-Fact	01/10/2022
<small>Signature of Reporting Person</small>	<small>Date</small>

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).

These shares are represented by restricted stock units ("RSUs") issued by Heliogen, Inc., a Delaware corporation ("Legacy Heliogen") and assumed by the Issuer on December 30, 2021 pursuant to that certain Business Combination Agreement ("Merger Agreement"), dated as of July 6, 2021, by and among Athena Technology Acquisition Corp., a Delaware corporation ("Athena"), HelioMax (1) Merger Sub, Inc., a Delaware corporation and a wholly-owned subsidiary of Athena, and Legacy Heliogen. Each RSU represents a contingent right to receive one share of the Common Stock of the Issuer. Six and one-quarter percent (6.25%) of the shares underlying the RSUs vest in quarterly installments with the first installment vesting on March 15, 2022, subject to the Reporting Person's continuous service.

(2) One quarter (25%) of the shares shall vest on January 23, 2022, and the remainder shall vest in 36 equal monthly installments, subject to the Reporting Person's continuous service.

(3) Represents options issued by Legacy Heliogen and assumed by the Issuer on December 30, 2021 pursuant to the Merger Agreement.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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