

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person* <u>PETERSON SANDRA E</u> (Last) (First) (Middle) <u>5980 HORTON STREET, SUITE 105</u> (Street) <u>EMERYVILLE CA 94608</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>04/21/2021</u>	3. Issuer Name and Ticker or Trading Symbol <u>Zymergen Inc. [ZY]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. 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 <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
---------------------------------	-------------------------------------------------------	----------------------------------------------------------	-------------------------------------------------------

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Stock Options	(1)	05/01/2030	Common Stock	133,333	9.6	D
Series D Preferred Stock	(2)	(2)	Common Stock	44,789	(2)	D

Explanation of Responses:

- The options vest as to 1/4th of the shares on 12/13/2020 and as to 1/48th of the shares monthly thereafter, subject to the Reporting Person's continued service with the Issuer.
- The Series D Preferred Stock is convertible into the same number of Issuer common stock and has no expiration date.

Remarks:

Exhibit 24 - Power of Attorney

/s/ Mina Kim, attorney-in-fact 04/21/2021

** 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 5 (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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of Mina Kim, Rizvan Khawar and Natalie Dement and with full power of substitution, as the undersigned's true and lawful attorney-in-fact to:

(1) execute for and on behalf of the undersigned, in connection with the undersigned's beneficial ownership of, or participation in a group with respect to, securities beneficially owned, directly or indirectly, of Zymergen Inc., a Delaware corporation (the "**Company**"), forms and documents related specifically to Section 13 and Section 16 of the Securities Exchange Act of 1934, as amended, and the rules thereunder (the "**Exchange Act**");

(2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such forms and documents related specifically to Section 13 and Section 16 of the Exchange Act, complete and execute any amendment or amendments thereto, and timely file such form and documents with the U.S. Securities and Exchange Commission (the "**SEC**") and any stock exchange or similar authority; and

(3) take any other lawful action of any type whatsoever in connection with the foregoing which, in the opinion of any such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by any such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in any such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact with full power of substitution or revocation, hereby ratifying and confirming all that each such attorney-in-fact, or each such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. All lawful acts done by the attorney-in-fact in this regard shall be deemed to have been done by the undersigned. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 13 or Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect for a period of two (2) years, unless earlier revoked by the undersigned in a signed writing delivered to each of the foregoing attorneys-in-fact.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 12th day of February, 2021.

By: /s/ Sandra Peterson

Name: Sandra Peterson
