BioAmber Inc. Form 5 February 14, 2014

FORM 5

OMB APPROVAL

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

3235-0362 Number: January 31, Expires:

no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box if

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OMB

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

response... 1.0

See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Wall Kenneth W. Symbol BioAmber Inc. [BIOA] (Check all applicable)

3. Statement for Issuer's Fiscal Year Ended (Last) (First) (Middle)

> (Month/Day/Year) X_ Director 10% Owner Officer (give title 12/31/2013 Other (specify below) below)

C/O BIOAMBER INC., Â 3850 ANNAPOLIS LANE NORTH, SUITE 180

> (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting

> > Filed(Month/Day/Year)

(check applicable line)

PLYMOUTH, MNÂ 55447

X Form Filed by One Reporting Person Form Filed by More than One Reporting

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 2. Transaction Date 2A. Deemed 4. Securities 6. Ownership

1. Title of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year

or (Instr. 3 and 4) Amount (D) Price

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

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 control number.

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

1. Title of 2. 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amount of Derivative Conversion (Month/Day/Year) Execution Date, if Transaction Derivative **Expiration Date Underlying Securities**

SEC 2270

(9-02)

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 10.55	06/26/2013	Â	A4	26,466	Â	(1)	06/26/2023	Common Stock	26,466

Reporting Owners

	Relationships				
Reporting Owner Name / Address	Director	10% Owner	Officer	Other	
Wall Kenneth W. C/O BIOAMBER INC. 3850 ANNAPOLIS LANE NORTH, SUITE 180 PLYMOUTH, MN 55447	ÂX	Â	Â	Â	

Signatures

/s/ Jean-Francois Huc, attorney-in-fact for Kenneth W. Wall 02/14/2014

**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) 20/48 vested as of June 30, 2013; 28/48 vesting on a monthly basis over the 28 following months

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

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