INTERMOLECULAR INC

Form 4

October 14, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

SECURITIES Form 5

obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person * MCWILLIAMS BRUCE M

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

INTERMOLECULAR INC [IMI]

3. Date of Earliest Transaction (Month/Day/Year)

INTERMOLECULAR, INC., 3011 10/10/2014 NORTH FIRST STREET

(Middle)

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

OMB

Number:

Expires:

response...

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burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

_X__ Director 10% Owner X_ Officer (give title Other (specify

below) President and CEO

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

SAN JOSE, CA 95134

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (T) (Instr. 4)

Transaction(s)

Ownership (Instr. 4)

(Instr. 3 and 4) Code V Amount (D) Price

(A)

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 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date Underlying Securities** Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) Disposed of (I (Instr. 3, 4, an	D)				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Stock Option (right to buy)	\$ 2.25	10/10/2014		A		2,880,000		<u>(1)</u>	10/09/2024	Common Stock	2,880,0

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 0	Director	10% Owner	Officer	Other			
MCWILLIAMS BRUCE M INTERMOLECULAR, INC. 3011 NORTH FIRST STREET SAN JOSE, CA 95134	X		President and CEO				

Signatures

/s/ Bruce M.
McWilliams
10/14/2014

**Signature of Reporting Date
Person

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).

1/48th of the original number of shares subject to the stock option shall vest and become exercisable on each monthly anniversary of the Vesting Commencement Date, so that all of the shares subject to the stock option shall be vested and exercisable on the fourth anniversary of the Vesting Commencement Date, subject to the Optionee's continuous service to the Company through each vesting date. The stock option shall be subject to additional vesting provisions contained within the McWilliams Employment Agreement.

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.

Reporting Owners 2