INTERMOLECULAR INC

Form 4/A

February 17, 2015

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number: Expires:

OMB APPROVAL

January 31, 2005

0.5

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

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MCWILLIAMS BRUCE M			2. Issuer Name and Ticker or Trading Symbol				5. Relationship of Reporting Person(s) to Issuer			
			INTERMOLECULAR INC [IMI]				(Check all applicable)			
(Last)	(First) (I	Middle)	3. Date of Earliest Transaction			(Choch an approach)				
			(Month/I	•			_X_ Director		10% Owner	
INTERMOLECULAR, INC., 3011 NORTH FIRST STREET			05/28/2014			_X_ Officer (give title Other (specify below) President and CEO				
	(Street)		4. If Ame	endment, Da	ate Origina	1	6. Individual of	or Joint/Group I	Filing(Check	
			Filed(Month/Day/Year)			Applicable Line)				
			06/02/2	014				by One Reportin by More than On		
SAN JOSE,	CA 95134						Person	by More than On	e Reporting	
(City)	(State)	(Zip)	Tabl	le I - Non-I	Derivative	Securities A	cquired, Dispose	ed of, or Benefi	cially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any		3. Transaction Code (Instr. 8)	Disposed (Instr. 3,	(A) or of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)	
\$0.001 par value							102,217 (1)	I	McWilliams Living Trust	
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.										
•	•				Perso	ns who res	pond to the co		SEC 1474 (9-02)	

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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)	TransactionDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 2.59	05/28/2014		A	10,000	(2)	05/27/2024	Common Stock	10,000	

Reporting Owners

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

Signatures

/s/ Reed Birnbaum as Attorney in Fact for Mr. McWilliams

02/17/2015

**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) The reporting person transferred 71,033 shares of Intermolecular, Inc. stock to his ex-wife pursuant to a domestic relations order. The reporting person no longer reports as beneficially owned any securities owned by his ex-wife.
- The shares subject to the option will vest in full on the earlier to occur of (i) the first anniversary of the date of grant and (ii) the date of (2) the annual meeting immediately following the date of grant, subject in each case to Reporting Person's continued service through the vesting date.

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.

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