Hunter James Craig Form 4 August 02, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

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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 Add Hunter James	_	orting Person *	2. Issuer Name and Ticker or Trading Symbol INTERMOLECULAR INC [IMI]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(Last) (First) (Middle)		3. Date of Earliest Transaction	(Check all applicable)			
INTERMOLECULAR, INC., 3011 NORTH FIRST STREET			(Month/Day/Year) 08/01/2012	Director 10% Owner _X Officer (give title Other (specify below) SVP Global Sales & Marketing			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SAN JOSE, CA 95134			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

SAN JUSE, CA 93134	

(City)	(State)	(Zip) Table	e I - Non-D	Derivative	Secur	ities Acqu	ired, Disposed of	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securit on(A) or Di (Instr. 3,	spose	d 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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock, \$0.001 par value	08/01/2012		M	3,500	A	\$ 2	11,750	D	
Common Stock, \$0.001 par value	08/01/2012		S <u>(1)</u>	3,500	D	\$ 6.6505 (3)	8,250	D	

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (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. Transactio Code (Instr. 8)	ransaction Derivative ode Securities		tivative Expiration Date ties (Month/Day/Year) red sed of 3, 4,		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	08/01/2012		M	3	3,500	<u>(2)</u>	02/24/2019	Common Stock	3,500	

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Maine / Address	

Director 10% Owner Officer Other

Hunter James Craig INTERMOLECULAR, INC. 3011 NORTH FIRST STREET SAN JOSE, CA 95134

SVP Global Sales & Marketing

Signatures

/s/ James Craig Hunter 08/02/2012

**Signature of Date
Reporting 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) The sale reported was effected pursuant to a Rule 10b5-1 Sales Plan adopted by the Reporting Person on May 11, 2012.
- These shares vest pursuant to the following schedule: Twenty-five percent (25%) of the shares subject to the original option (350,000 shares) vested on the first anniversary measured from January 30, 2009 ("Vesting Commencement Date") and the remaining shares vest
- in 36 successive equal monthly installments thereafter on each monthly anniversary date of the Vesting Commencement Date, subject to the Reporting Person's continued employment or service relationship with the Issuer on each such vesting date.
- (3) The transaction was executed in multiple trades in prices ranging from \$6.57 to \$6.75, inclusive. The price reported in Column 4 above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a

Reporting Owners 2

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stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

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.