Lazovsky David E Form 4 February 08, 2013

FORM 4

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

Check this box if no longer subject to

Section 16. Form 4 or

Form 5 obligations

may continue. See Instruction

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 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)

1(b).

(Last)

1. Name and Address of Reporting Person * Lazovsky David E

(Middle)

INTERMOLECULAR, INC., 3011 NORTH FIRST STREET

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

INTERMOLECULAR INC [IMI]

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

02/06/2013

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

_X__ Director 10% Owner _X__ Officer (give title _ __ Other (specify below)

President & 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 95134-2004

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secu	rities Acqu	ired, Disposed of	, or Beneficial	lly 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 our Dispos (Instr. 3, 4	ed of (4 and :		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock, \$0.001 par value	02/06/2013		S <u>(1)</u>	20,100	D	\$ 9.3984 (2)	3,155,271	D	
Common Stock, \$0.001 par value	02/07/2013		S(1)	8,700	D	\$ 9.3259 (3)	3,146,571	D	
Common Stock, \$0.001 par value	02/08/2013		S <u>(1)</u>	9,700	D	\$ 9.2537 (4)	3,136,871	D	

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Common Stock, \$0.001 par value	189,513	I	By GRAT
Common Stock, \$0.001 par value	35,487	I	By Wife
Common Stock, \$0.001 par value	189,513	I	By Wife's GRAT (6)
Common Stock, \$0.001 par value	45,882	I	By Children's Trust (7)

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 required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amour	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	e		Securit	ties	(Instr. 5)
	Derivative				Securities	3		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
									or	
						Date	Expiration		Number	
						Exercisable	Date	of		
				Code	V (A) (D)				Shares	
				Code	v (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
Lazovsky David E INTERMOLECULAR, INC.	X		President & CEO				

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3011 NORTH FIRST STREET SAN JOSE, CA 95134-2004

Signatures

/s/Sandeep Jaggi as Attorney-in-Fact for Mr. Lazovsky

02/08/2013

**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 sale reported was effected pursuant to a Rule 10b5-1 Sales Plan adopted by the Reporting Person on May 14, 2012.
- The transaction was executed in multiple trades in prices ranging from \$9.30 to \$9.50, 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 stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- The transaction was executed in multiple trades in prices ranging from \$9.08 to \$9.49, 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 stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- The transaction was executed in multiple trades in prices ranging from \$9.08 to \$9.48, 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 stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- (5) These shares are held by The David E. Lazovsky 2010 Annuity Trust.
- (6) These shares are held by The Juel D. Lazovsky 2010 Annuity Trust.
- (7) These shares are held by The Lazovsky 2010 Irrevocable Children's Trust.

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.

Signatures 3