INTERMOLECULAR INC

Form 4

March 24, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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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

may continue. See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Lazovsky David E Issuer Symbol INTERMOLECULAR INC [IMI] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X_ Director 10% Owner X_ Officer (give title _ Other (specify INTERMOLECULAR, INC., 3011 03/20/2014 below) NORTH FIRST STREET President & CEO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SAN JOSE, CA 95134-2004 Person

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	ally Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)		Securities Form: Direct (D) or Owned Indirect (I) Following (Instr. 4) Reported		p 7. Nature of t Indirect Beneficial Ownership (Instr. 4)		
Common			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock, \$0.001 par value	03/20/2014		G	49,951	D	\$ 0	0	I	By GRAT
Common Stock, \$0.001 par value							2,923,212	D	
Common Stock, \$0.001 par value							175,049	I	By Wife

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Common Stock, \$0.001 par value	0	I	By Wife's GRAT (2)
Common Stock, \$0.001 par value	145,784	I	By Children's Trust (3)

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

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SEC 1474

(9-02)

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)	4. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed	.	ate	7. Title Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans
				of (D) (Instr. 3, 4, and 5)						(Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Relationshins

Reporting Owners

Reporting Owner Name / Address	Ketationsinps						
	Director	10% Owner	Officer	Other			
Lazovsky David E INTERMOLECULAR, INC. 3011 NORTH FIRST STREET SAN JOSE, CA 95134-2004	X		President & CEO				
Signatures							
/s/Sandeep Jaggi as Attorney-in-F Lazovsky	Fact for Mr.		03/24/2014				
**Signature of Reporting Per	son		Date				

Reporting Owners 2

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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) On March 20, 2014, The David E. Lazovsky 2010 Annuity Trust (the "Reporting Person's GRAT") contributed 49,951 shares to The Lazovsky 2010 Irrevocable Children's Trust upon the termination of the Reporting Person's GRAT.
- (2) On March 20, 2014, The Juel D. Lazovsky 2010 Annuity Trust (the "Wife's GRAT") contributed 49,951 shares to The Lazovsky 2010 Irrevocable Children's Trust upon the termination of the Wife's GRAT.
- (3) Includes 49,951 shares which were transferred from the Reporing Person's GRAT on March 20, 2014, and 49,951 shares which were transferred from the Wife's GRAT on March 20, 2014.

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.