Lazovsky David E Form 4 October 09, 2012

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

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

(Last) (First) (Middle)

(Street)

(Ctota)

3011 NORTH FIRST STREET

2. Issuer Name and Ticker or Trading Symbol

INTERMOLECULAR INC [IMI]

3. Date of Earliest Transaction (Month/Day/Year) 10/04/2012

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__ 10% Owner _X__ Director 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

(City)	(State)	(Zip) Tab	Table I - Non-Derivative Securities Acquired, Disposed of, or						
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securition Dispose (Instr. 3, 4	ed of (5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock, \$0.001 par value	10/04/2012		S(4)		D	\$ 7.2987 (5)	3,256,922	D	
Common Stock, \$0.001 par value	10/05/2012		S(4)	7,000	D	\$ 7.3149 (6)	3,249,922	D	
Common Stock, \$0.001 par value	10/08/2012		S(4)	6,310	D	\$ 6.9965 <u>(7)</u>	3,243,612	D	

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Common Stock, \$0.001 par value	35,487	I	By Wife
Common Stock, \$0.001 par value	189,513	I	By GRAT
Common Stock, \$0.001 par value	189,513	I	By Wife's GRAT (2)
Common Stock, \$0.001 par value	45,882	I	By Children's Trust (3)

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	isable and	7. Titl	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transa	ctionNum	iber	Expiration Da	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code	of		(Month/Day/	Year)	Under	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr.	3) Deriv	vative			Secur	ities	(Instr. 5)
	Derivative				Secu	rities			(Instr.	3 and 4)	
	Security				Acqu	uired					
					(A) c	or					
					Disp	osed					
					of (D))					
					(Inst	r. 3,					
					4, an	d 5)					
										Amount	
							_			or	
							Date	Expiration	Title	Number	
							Exercisable	Date		of	
				Code	V (A)	(D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
Lazovsky David E	X	X	President & CEO					
3011 NORTH FIRST STREET								

Reporting Owners 2 SAN JOSE, CA 95134

Signatures

/s/ David E. Lazovsky

10/09/2012

**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) These shares are held by The David E. Lazovsky 2010 Annuity Trust.
- (2) These shares are held by The Juel D. Lazovsky 2010 Annuity Trust.
- (3) These shares are held by The Lazovsky 2010 Irrevocable Children's Trust.
- (4) The sale reported was effected pursuant to a 10b5-1 Sales Plan entered into by the Reporting Person on May 14, 2012.
- The transaction was executed in multiple trades in prices ranging from \$7.27 to \$7.37, 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 \$7.17 to \$7.35, 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 \$6.94 to \$7.12, 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.

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