MILLER LLOYD I III

Form 4

August 22, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

INTERMOLECULAR INC [IMI]

OMB Number:

OMB APPROVAL

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

Issuer

14,149 (1)

Ι

January 31, 2005

0.5

Estimated average burden hours per

response...

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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

Symbol

1(b).

Common

Stock

(Print or Type Responses)

MILLER LLOYD I III

1. Name and Address of Reporting Person *

			INTERMOLECULAR INC [IMI]				WII]	(Check all applicable)			
(Last) 3300 SOUT HIGHWAY	3. Date of Earliest Transaction (Month/Day/Year) 08/21/2017					Director X 10% Owner Officer (give title below) Other (specify below)					
(Street) 4. If Amer			mendment, Date Original				6. Individual or Joint/Group Filing(Check				
Filed(Month/Day/Year) WEST PALM BEACH, FL 33405							Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	ty) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Yea	r) Execution	emed on Date, if /Day/Year)	3. Transacti Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
Common Stock	08/21/2017			P	300	A	\$ 0.86	2,904,602 (1)	I	By Trust A-4 - Lloyd I. Miller	
Common Stock								320,136 (1)	I	By Trust A-3 - Lloyd I. Miller	
Common Stock								49,318 (1)	I	By LIMFAM LLC	

By Milfam

IL.P.

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Common Stock 1,780,911 (1) I By Milfam II L.P.

Common Stock 70,368 D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transa Code (Instr. 8	ction 8)	5. inNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MILLER LLOYD I III 3300 SOUTH DIXIE HIGHWAY SUITE 1-365 WEST PALM BEACH, FL 33405		X					

Signatures

/s/ Paul N. Silverstein
Attorney-in-fact 08/22/2017

**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 disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein. This filing shall not be deemed an admission that the reporting person is, for purposes of Section 16 of the Securities Exchange Act of 1934 (the

Reporting Owners 2

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"Act") or otherwise, the beneficial owner of any equity securities covered by this filing.

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.