

Chiang Tony P.
Form 4
February 27, 2013

FORM 4

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

OMB APPROVAL

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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. Name and Address of Reporting Person *
Chiang Tony P.

(Last) (First) (Middle)

INTERMOLECULAR, INC., 3011
NORTH FIRST STREET

(Street)

SAN JOSE, CA 95134-2004

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

INTERMOLECULAR INC [IMI]

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

02/22/2013

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
X Officer (give title below) ___ Other (specify below)

Chief Technology Officer

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock, \$0.001 par value	02/22/2013		M		12,500 A \$ 0.1	90,700	D
Common Stock, \$0.001 par value	02/22/2013		S ⁽¹⁾		12,500 D 9.3365	78,200	D
Common Stock, \$0.001 par value	02/25/2013		M		14,827 A \$ 0.1	93,027	D

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Common Stock, \$0.001 par value	02/25/2013	S ⁽¹⁾	14,827	D	\$ 9,4606 <u>(3)</u>	78,200	D
Common Stock, \$0.001 par value	02/26/2013	M	45,285	A	\$ 0.1	123,485	D
Common Stock, \$0.001 par value	02/26/2013	S ⁽¹⁾	45,285	D	\$ 9.6315 <u>(4)</u>	78,200	D

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

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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Stock Option (right to buy)	\$ 0.1	02/22/2013		M	12,500	<u>(5)</u>	06/14/2015	Common Stock	12,500
Stock Option (right to buy)	\$ 0.1	02/25/2013		M	14,827	<u>(5)</u>	06/14/2015	Common Stock	14,827
Stock Option (right to buy)	\$ 0.1	02/26/2013		M	45,285	<u>(5)</u>	06/14/2015	Common Stock	45,285

