

FEDERMAN IRWIN
Form 4
June 13, 2012

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
FEDERMAN IRWIN

2. Issuer Name and Ticker or Trading Symbol
INTERMOLECULAR INC [IMI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
2735 SAND HILL ROAD
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
06/11/2012

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

MENLO PARK, CA 94025
(City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Indirect Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| Common Stock, \$0.001 per share | 06/11/2012 | | S | 150,000 | D \$ 6.75 4,350,619 | I | Directly owned by USVP IX (2) |
| Common Stock, \$0.001 per share | 06/12/2012 | | S | 53,368 | D \$ 6.783 4,297,251 | I | Directly owned by USVP IX (2) |
| Common Stock, \$0.001 per share | 06/13/2012 | | S | 15,263 | D \$ 6.799 4,281,988 | I | Directly owned by USVP IX (2) |

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

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(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) | 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. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| FEDERMAN IRWIN 2735 SAND HILL ROAD MENLO PARK, CA 94025 | X | X | | |

Signatures

| | |
|---|------------|
| Michael P. Maher - Attorney in Fact for each reporting person | 06/13/2012 |
| **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) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$6.83 to \$6.75, inclusive for sales on 6/12/12 and prices ranging from \$6.82 to \$6.75, inclusive for sales on 6/13/12. The reporting persons undertake to provide the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote to this Form 4.
- Presidio Management Group IX, LLC ("PMG IX") is the general partner of US Venture Partners IX, L.P. ("USVP IX") and Irwin Federman, Winston S. Fu, Steven M. Krausz, David E. Liddle, Paul A. Matteucci, Jonathan D. Root, Christopher J. Rust, Casey M.
- (2) Tansey, and Philip M. Young, the managing members of PMG IX, may be deemed to share voting and dispositive power over the shares held by USVP IX. Such persons and entities disclaim beneficial ownership of shares held by USVP IX, except to the extent of any proportionate pecuniary interest therein.

Remarks:

Remark:

This report is one (1) of two (2) reports each on a separate Form 4; however, these forms are related to the same transaction be

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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