

MICROMET, INC.
 Form 3/A
 November 21, 2006

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Luff John P | | 11/14/2006 | MICROMET, INC. [MITI] | |
| (Last) | (First) | (Middle) | | |
| 13-15 VICTORIA ROAD, ST PETER PORT | | | 4. Relationship of Reporting Person(s) to Issuer | |
| (Street) | | | (Check all applicable) | |
| GUERNSEY, GY1 3ZD, X0 | | | <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) | |
| (City) | (State) | (Zip) | 5. If Amendment, Date Original Filed(Month/Day/Year) | |
| | | | 05/09/2006 | |
| | | | 6. Individual or Joint/Group Filing(Check Applicable Line) | |
| | | | <input checked="" type="checkbox"/> Form filed by One Reporting Person | |
| | | | <input type="checkbox"/> Form filed by More than One Reporting Person | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 3,257,936 ⁽¹⁾ | D ⁽²⁾ | |

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

SEC 1473 (7-02)

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.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
| | | Title | | | |

| | | | |
|-------------|------------|-----------|-------------|
| Date | Expiration | Amount or | or Indirect |
| Exercisable | Date | Number of | (I) |
| | | Shares | (Instr. 5) |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Luff John P 13-15 VICTORIA ROAD ST PETER PORT GUERNSEY, GY1 3ZD, X0 | ^ | ^ X | ^ | ^ |

Signatures

/s/ John Luff, director of the general partner of Omega Fund I,
L.P.

11/20/2006

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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) All shares reported herein reflect a 1-for-3 reverse stock split effected by the Issuer on May 5, 2006.

The reported securities are owned directly by Omega Fund I, L.P. ("Omega"). Omega, Omega Fund GP, Ltd. ("Omega GP"), Omega Fund Management Limited ("Omega Management") and Sigma Holding Limited ("Sigma") have previously reported as ten percent

(2) owners. John Luff ("Luff") is a ten percent holder, and he is a director of each of (i) Omega GP, which is the general partner of Omega, (ii) Omega Management, which is the sole shareholder of Omega GP and (iii) Sigma, which is the sole shareholder of Omega Management. Luff disclaims beneficial ownership of the reported securities except to the extent of his pecuniary interest therein.

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.