Stampacchia Otello Form 4 February 23, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

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

SECURITIES 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 * Stampacchia Otello

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

below)

(Last)

(City)

(First) (Middle) MICROMET, INC. [MITI] 3. Date of Earliest Transaction

X_ Director 10% Owner Officer (give title Other (specify

C/O OMEGA FUND MANAGEMENT UK LLP. 32 OLD

(State)

BURLINGTON STREET

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

02/19/2010

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

LONDON, X0 W1S 3AT

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Beneficially (D) or Owned Following Reported

Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

Common 02/19/2010 Stock

2,000 $S^{(1)}$ (2)

D \$8 $2,412,413 \stackrel{(3)}{=}$ By Fund (4) (5)

Indirect

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)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amour	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr. :	3 and 4)		Owne
	Security										Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date			or		
						Exercisable		Title Number of			
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships

Stampacchia Otello C/O OMEGA FUND MANAGEMENT UK LLP 32 OLD BURLINGTON STREET LONDON, X0 W1S 3AT



Signatures

/s/ Anne-Mari Paster, as Attorney-in-Fact for Otello Stampacchia

02/23/2010

**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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 10, 2009.
- (2) Consists of 1,332 shares sold by Omega Fund I, L.P. ("Omega I") and 668 shares sold by Omega Fund III, L.P. ("Omega III").
- (3) Consists of 1,606,328 shares beneficially owned by Omega I and 806,085 shares beneficially owned by Omega III.
 - Consists of securities held directly by Omega III. Omega Fund III GP, L.P. ("Omega III GPLP") is the general partner of Omega III. Omega Fund III GP.L., Ltd. ("Omega III GPLtd") is the general partner of Omega III GPLP. Omega Fund Management Limited ("Omega
- (4) Management") is the sole shareholder of Omega III GPLtd. Sigma Holding Limited ("Sigma") is the sole shareholder of Omega Management. Otello Stampacchia ("Stampacchia") is the sole shareholder of Sigma and is also a director of Micromet, Inc. Stampacchia disclaims beneficial ownership of the reported securities except to the extent of his pecuniary interest therein.
- Consists of securities held directly by Omega I. Omega Fund GP, Ltd. ("Omega GP") is the general partner of Omega I. Omega

 Management is the sole shareholder of Omega GP. Sigma is the sole shareholder of Omega Management. Stampacchia is the sole shareholder of Sigma and is also a director of Micromet, Inc. Stampacchia 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.

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