Waldman Eyal Form 4/A March 09, 2009

FORM 4

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

20549 OMB Number: Expires:

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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OMB APPROVAL

3235-0287

January 31,

Form 5 obligations may continue. *See* Instruction 1(b).

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)

Waldman Eyal Symbol			er Name an ox Techr X]			ling	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) C/O MELI TECHNOI LTD., HEI		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/31/2008					X Director 10% Owner S Officer (give title Other (specify below) below) Chief Executive Officer			
(Street) 4. If Amenda Filed(Month/I 02/04/2008 YOKNEAM, L3 20692				onth/Day/Ye	_	al		6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		n Date, if	Code (Instr. 8)	4. Securion(A) or D (Instr. 3,	ispose 4 and (A) or	d of (D)	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 Beneficial Ownership (Instr. 4)	
Ordinary Shares	01/31/2008			S <u>(1)</u>	6,266 (2) (3)	D	\$ 15	2,040,043 (2) (3)	I	by Partnership (2) (3)	
Ordinary Shares	01/31/2008			S <u>(1)</u>	67 <u>(2)</u> <u>(3)</u>	D	\$ 15.01	2,039,976 (2) (3)	I	by Partnership (2) (3)	
Ordinary Shares	01/31/2008			S(1)	200 <u>(2)</u> <u>(3)</u>	D	\$ 15.02	2,039,776 (2) (3)	I	by Partnership	

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Ordinary Shares	01/31/2008	S <u>(1)</u>	133 <u>(2)</u> <u>(3)</u>	D	\$ 15.03	2,039,643 (2) (3)	I	by Partnership (2) (3)
Ordinary Shares	01/31/2008	S <u>(1)</u>	3,333 (2) (3)	D	\$ 15.1	2,036,310 (2) (3)	I	by Partnership (2) (3)
Ordinary Shares	01/31/2008	S <u>(1)</u>	3,333 (2) (3)	D	\$ 15.15	2,032,977 (2) (3)	I	by Partnership (2) (3)
Ordinary Shares	01/31/2008	S <u>(1)</u>	3,333 (2) (3)	D	\$ 15.25	2,029,644 (2) (3)	I	by Partnership (2) (3)
Ordinary Shares	01/31/2008	S <u>(1)</u>	2,000 (2) (3)	D	\$ 15.9	2,027,644 (2) (3)	I	by Partnership (2) (3)
Ordinary Shares	01/31/2008	S <u>(1)</u>	1,333 (2) (3)	D	\$ 16.1	2,026,311 (2) (3)	I	by Partnership (2) (3)
Ordinary Shares	02/01/2008	S <u>(1)</u>	1,666 (2) (3)	D	\$ 15.5	2,024,645 (2) (3)	I	by Partnership (2) (3)

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

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SEC 1474 (9-02)

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

	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Tit		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration Date		Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	rities	(Instr. 5)	Bene
	Derivative				Securities			(Instr	. 3 and 4)		Owne
	Security				Acquired			Ì	,		Follo
	J				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(IIIsti
					4, and 5)						
									Amount		
						D 4	E		or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		
				Code v	(11) (D)				Silaios		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Waldman Eyal

C/O MELLANOX TECHNOLOGIES, LTD.
HERMON BLDG

Chief Executive Officer

YOKNEAM, L3 20692

Signatures

/s/ Eyal Waldman by Michael Gray, Power of
Attorney

03/09/2009

**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 on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 7, 2007.
 - Shares held by Waldo Holdings 2, a general partnership formed pursuant to the laws of Israel, of which Eyal Waldman is a general partner ("Waldo"). On January 23, 2008, pursuant to an agreement confirmed by an Israeli court, Mr. Waldman's beneficial ownership
- with respect to the shares held by Waldo was reduced by 33.34% in a transaction exempt from the reporting requirements under Section 16 of the Securities Exchange Act of 1934. Accordingly, Mr. Waldman now has sole voting and dispositive power over, and a pecuniary interest with respect to a total of only 66.66% of the shares held by Waldo. This adjustment to Mr. Waldman's beneficial ownership was inadvertently not reflected in Form 4's filed by Mr. Waldman between February 4, 2008 and June 3, 2008. (Continued in Footnote 3)
- (Continuation of Footnote 2) Therefore, this Form 4 is hereby amended to accurately reflect Mr. Waldman's beneficial ownership of only 66.66% of the shares held by Waldo, and to reflect that Mr. Waldman was not a 10% beneficial owner of the issuer's securities from and after January 23, 2008. Except as otherwise noted in this Form 4-A, all other information disclosed in the reporting person's original Form 4 was accurately reported.

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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