Waldman Eyal Form 4/A March 09, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

2005 Estimated average burden hours per response... 0.5

OMB APPROVAL

3235-0287

January 31,

OMB

Number:

Expires:

Form 5 obligations may continue. See Instruction

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(b).

Ordinary

Shares

01/31/2008

Waldman Eyal Syr Me			ssuer Name an pol lanox Techr LNX]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O MELI TECHNOI LTD., HEI	LANOX	(Mon	3. Date of Earliest Transaction (Month/Day/Year) 01/31/2008				X Director 10% OwnerX Officer (give title Other (specify below) below) Chief Executive Officer			
	(Street) M, L3 20692	Filed(Month/Day/Year) 02/04/2008				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)						quired, Disposed		-	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution Date, any (Month/Day/Yea	Code ar) (Instr. 8)	4. Securor(A) or D (Instr. 3,	(A)	ed 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(1)	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)	

 $S^{(1)}$

by

(2)(3)

Partnership

\$ 2,039,776 (2) I

15.02 (3)

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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)

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)			onNumber	Expiration D		Amou		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	, ,	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	. 3 and 4)		Own
	Security				Acquired						Follo
	-				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(111511
					4, and 5)						
					4, and 3)						
									Amount		
						ъ.			or		
						Date Expiration		Number			
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		
				Code V	(A) (D)				Shares		

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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