Kagan Michael Form 4 December 02, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and A Kagan Mich	ddress of Reportael	ting Person *	2. Issuer Name and Ticker or Trading Symbol Mellanox Technologies, Ltd.	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O MELLA TECHNOLO LTD., HERM		(Middle)	[MLNX] 3. Date of Earliest Transaction (Month/Day/Year) 11/30/2011	Director 10% Owner Officer (give title Other (specify below) CTO & VP of Architecture			
YOKNEAM	(Street) I, L3 20692		4. If Amendment, Date Original Filed(Month/Day/Year)	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)	(Zip)	Table I - Non-Derivative Securities Acc	uired Disposed of or Reneficially Owned			

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	ırities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities A poor Disposed of (Instr. 3, 4 and (A) or Amount (D)		(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	11/30/2011		S	7,400	D	\$ 34.7358 (1)	148,500 (2)	D	
Ordinary Shares	12/01/2011		S	7,400	D	\$ 35.7673 (3)	141,100 (2)	D	
Ordinary Shares	12/02/2011		S	200	D	\$ 36.1	140,900 (2)	D	

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 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. Transactic Code (Instr. 8)	of		ate	Amou Under Secur	itle and bunt of erlying urities tr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
					(Instr. 3, 4, and 5)				Amount		
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Kagan Michael C/O MELLANOX TECHNOLOGIES, LTD. HERMON BLDG. YOKNEAM, L3 20692

CTO & VP of Architecture

Signatures

/s/ Michael Kagan by Michael Gray, Power of Attorney

12/02/2011

Date

**Signature of Reporting Person

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).
- This transaction was executed in multiple trades in prices ranging from \$34.50 to \$35.12. The price reported above reflects the weighted (1) average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- (2) Includes 18,458 restricted share units ("RSUs"). The Reporting Person is entitled to receive one (1) ordinary share for each one (1) RSU.
- This transaction was executed in multiple trades in prices ranging from \$35.00 to \$36.115. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

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

Reporting Owners 2

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