Kagan Michael Form 4 May 04, 2011

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

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January 31, 2005

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**OMB APPROVAL** 

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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 30(h) of the Investment Company Act of 1940

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Kagan Michael			2. Issuer Name and Ticker or Trading Symbol Mellanox Technologies, Ltd. [MLNX]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last)  C/O MELLA TECHNOLO LTD., HERM	GIES,	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/02/2011	Director 10% OwnerX Officer (give title Other (specify below) CTO & VP of Architecture		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
YOKNEAM, L3 20692			Filed(Month/Day/Year)	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	quired, Disposed of, or Beneficially Owned		

	Table 1 - Non-Derivative Securities Acquired, Disposed of, of Beneficiary 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. Security oper Dispose (Instr. 3, 4)	ed of	` ′	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	05/02/2011		M	10,000	A	\$ 1.47	213,900 (1)	D	
Ordinary Shares	05/02/2011		S	10,000	D	\$ 28.4525 (2)	203,900 (1)	D	
Ordinary Shares	05/03/2011		M	8,571	A	\$ 1.47	212,471 (1)	D	
Ordinary Shares	05/03/2011		S	8,571	D	\$ 28.3169	203,900 (1)	D	

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(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 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)			Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 1.47	05/02/2011		M		10,000	<u>(4)</u>	06/18/2012	Ordinary Shares	10,000
Stock Option (Right to Buy)	\$ 1.47	05/03/2011		M		8,571	<u>(4)</u>	06/18/2012	Ordinary Shares	8,571

## **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 05/04/2011

\*\*Signature of Reporting Person Date

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### **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).
- Includes 12,500 restricted stock units ("RSUs"), which were granted to the reporting person on April 13, 2011 and 11,000 RSUs which were granted to the reporting person on January 20, 2010. The Reporting Person is entitled to recieve one (1) ordinary share for each one (1) RSU.
- This transaction was executed in multiple trades in prices ranging from \$28.14 to \$28.76. The price reported above reflects the weighted (2) 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.
- This transaction was executed in multiple trades in prices ranging from \$28.25 to \$28.39. 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.
- (4) The shares subject to this option are fully vested and exerciseable.

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.