Mellanox Technologies, Ltd. Form 4/A November 07, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

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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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * GRAY 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) 2900 STENDE	(First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/07/2007	Director 10% Owner _X_ Officer (give title Other (specify below) Chief Financial Officer		
SANTA CLAR	(Street) RA, CA 95054	4. If Amendment, Date Original Filed(Month/Day/Year) 09/10/2007	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	e I - Non-D	Perivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securi on(A) or Do (Instr. 3,	ispose	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	09/07/2007		S	600	D	\$ 17	9,957 (1)	I	by Trust
Ordinary Shares	09/07/2007		S	500	D	\$ 17.25	9,457 (1)	I	by Trust
Ordinary Shares	09/07/2007		S	800	D	\$ 17.26	8,657 <u>(1)</u>	I	by Trust
Ordinary Shares	09/07/2007		S	500	D	\$ 17.27	8,157 (1)	I	by Trust
Ordinary Shares	09/07/2007		S	100	D	\$ 17.3	8,057 (1)	I	by Trust

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Ordinary Shares	09/07/2007	S	900	D	\$ 17.32	7,157 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	250	D	\$ 17.46	6,907 <u>(1)</u>	I	by Trust
Ordinary Shares	09/07/2007	S	400	D	\$ 17.48	6,507 <u>(1)</u>	I	by Trust
Ordinary Shares	09/07/2007	S	500	D	\$ 17.49	6,007 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	200	D	\$ 17.5	5,807 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	800	D	\$ 17.51	5,007 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	850	D	\$ 17.52	4,157 <u>(1)</u>	I	by Trust
Ordinary Shares	09/07/2007	S	100	D	\$ 17.53	4,057 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	900	D	\$ 17.55	3,157 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	300	D	\$ 17.56	2,857 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	118	D	\$ 17.57	2,739 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	500	D	\$ 17.6	2,239 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	400	D	\$ 17.61	1,839 (1)	I	by Trust
Ordinary Shares	09/07/2007	S	1,400	D	\$ 17.66	439 (1)	I	by Trust

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	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	re	Securities	(Instr. 5)	Bene
	Derivative				Securities	S	(Instr. 3 and 4)		Own
	Security				Acquired				Follo
					(A) or				Repo

Disposed of (D) (Instr. 3, 4, and 5)

Code V (A) (D) Date Exercisable

Expiration Title Amount Date

or Number

 αf Shares

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer

Other

GRAY MICHAEL 2900 STENDER WAY SANTA CLARA, CA 95054

Chief Financial Officer

Signatures

/s/ Michael Gray by LeeAnn Kennedy Stewart, Power of Attorney

11/07/2007

**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).
 - stock purchase plan and subsequently transferred to the M&M Gray Family 2001 Trust U/T/A, for which the reporting person is Trustee (the "Trust"), on September 4, 2007. Ownership of the Shares was erroneously reported as "Direct (D)" on a Form 4 filed by the reporting person on September 10, 2007. The reporting person's pecuniary interest in the Shares did not change as a result of the transfer to the

Includes 439 shares (the "Shares") that were acquired by the reporting person on August 31, 2007 pursuant to the company's employee

- Trust. Except as otherwise noted in this Form 4/A, all other information disclosed in the reporting person's original Form 4 was accurately reported.
- (2) Shares held by the M&M Gray Family 2001 Trust U/T/A, for which Mr. Gray is a trustee.

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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