NOVA MEASURING INSTRUMENTS LTD Form SC 13G/A

May 21, 2003

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

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934

(Amendment No. 2)

Nova Measuring Instruments Ltd.

(Name of Issuer)

Ordinary Shares, par value NIS 0.01

(Title of Class of Securities)

M7516K 10 3

(CUSIP Number)

December 31, 2002

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [] Rule 13d-1(b)
- [] Rule 13d-1(c)
- [X] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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			120			
	No. M7516K 10 3		13G	Page 2 of 5 Pages		
1	NAME OF REPOR	-	SONS 1 NO. OF ABOVE PERSONS (1	Entities only)		
			chnology Venture Ltd. (No. Not Applicable	"TFTV")		
2	CHECK THE APP (a) [] (b) [x]	PROPRIATE	BOX IF A MEMBER OF A G	ROUP (See instructions)		
3	SEC USE ONLY					
4	CITIZENSHIP (DR PLACE	OF ORGANIZATION			
	Israel					
1	NUMBER OF SHARES	5	SOLE VOTING POWER			
C I	NEFICIALLY DWNED BY EACH REPORTING		1,900,327 Ordinary Share	es		
PI	ERSON WITH					
		6	SHARED VOTING POWER			
			0			
		7	SOLE DISPOSITIVE POWER			
			1,900,327 Ordinary Share	es		
		8	SHARED DISPOSITIVE POWE	R		
			0			
9	AGGREGATE AMO	DUNT BENE	FICIALLY OWNED BY EACH 1	REPORTING PERSON		
	1,900,327 Ord	dinary Sh	ares			
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See instructions)					
11	PERCENT OF CI	LASS REPF	RESENTED BY AMOUNT IN RO	л 9 М		
	Approximately	y 12.7%				
12	TYPE OF REPOR	RTING PEF	SON (See instructions))		

JSIP No	. M7516K 10	3	13G	Page 3 of 5 Page
1	NAME OF REF I.R.S. IDEN		PERSONS ION NO. OF ABOVE PERSONS (Entitie	es only)
			Development (1991) Ltd. ("TMD") ion No. Not Applicable	
2	CHECK THE A (a) [] (b) [x]	APPROPRIA	ATE BOX IF A MEMBER OF A GROUP	(See instructions)
3	SEC USE ONI	.Y		
4	CITIZENSHIF	OR PLAC	CE OF ORGANIZATION	
	Israel			
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-	HARES FICIALLY		0	
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	PORTING SON WITH			
		 6	SHARED VOTING POWER	
			1,900,327 Ordinary Shares	
		7	SOLE DISPOSITIVE POWER	
			0	
		8	SHARED DISPOSITIVE POWER	
			0	
9	AGGREGATE A	MOUNT BI	ENEFICIALLY OWNED BY EACH REPORTI	ING PERSON
	1,900,327 0)rdinary	Shares	
10	CHECK IF TH (See instr		GATE AMOUNT IN ROW (9) EXCLUDES ()	CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

Approximately 12.7%

12	TYPE OF	REPORTING	PERSON	(See	instructions)
	СО				

Item 1(a) Name of Issuer: Nova Measuring Instruments Ltd., a company organized under the laws of the State of Israel (the "Issuer").

Item 1(b) Address of Issuer's Principal Executive Offices: Weizman Scientific Park, P.O. Box 266, Rehovot, Israel 76100.

Item 2(a) Name of Filing Person: Teuza - A Fairchild Technology Venture Ltd., a company organized under the laws of the State of Israel ("TFTV") and Teuza Management & Development (1991) Ltd., a company organized under the laws of the State of Israel ("TMD", and, together with TFTV, the "Reporting Persons"). TMD manages TFTV pursuant to a management agreement between the parties.

Item 2(b) Address of Principal Business Office or, if None, Residence: For TFTV and TMD: 49 Ha'Histadrut Blvd., Haifa Bay, Haifa, Israel.

Item 2(c) Citizenship: For TFTV and TMD: Israel.

Item 2(d) Title and Class of Securities: Ordinary Shares, par value NIS 0.01, of the Issuer.

Item 2(e) CUSIP Number: M7516K 10 3.

Item 3 If this Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

Not Applicable.

Item 4. Ownership

(a) Amount beneficially owned by TFTV: 1,900,327 Ordinary Shares.

(b) Percent of Class: The Issuer has advised the Reporting Persons that as of December 31, 2001, there were 14,930,867 outstanding Ordinary Shares of the Issuer. As of December 31, 2002, TFTV was the beneficial owner of 1,900,327 Ordinary Shares, or approximately 12.7% of the outstanding Ordinary Shares of the Issuer.

(c) Number of shares as to which such TFTV has:

- (i) Sole power to vote or direct the vote: 1,900,327
- (ii) Shared power to vote or to direct the vote: 0
- (iii)Sole power to dispose or to direct the disposition of: 1,900,327 (iv) Shared power to dispose or direct the disposition of: 0

Item 5. Ownership of 5 Percent or Less of a Class Not Applicable.

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Item 6. Ownership of More than 5 Percent on Behalf of Another Person

Under certain circumstances set forth in the articles of association of TFTV, its shareholders may be deemed to have the right to receive dividends from, or the proceeds from, the sale of shares of the Issuer owned by TFTV.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person

Not Applicable.

Item 8. Identification and Classification of Members of the Group

Not Applicable.

Item 9. Notice of Dissolution of Group

Not Applicable.

Item 10. Certifications

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete, and correct.

TEUZA - A FAIRCHILD TECHNOLOGY VENTURE LTD.

By: /s/ Yakir Gabay	May 21, 2003
Yakir Gabay, Authorized Signatory	Date
By: /s/ Gabi Barabash	May 21, 2003
Gabi Barabash, Authorized Signatory	Date
TEUZA MANAGEMENT & DEVELOPMENT (1991) LTD.	
By: /s/ Avi Kerbs	May 21, 2003
Avi Kerbs, Authorized Signatory	Date

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