NOVA MEASURING INSTRUMENTS LTD Form SC 13G/A February 13, 2004

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Information Statement Pursuant to Rules 13d-1 and 13d-2

Under the Securities Exchange Act of 1934

(Amendment No. 1)*

NOVA MEASURING INSTRUMENTS LTD.

(Name of Issuer)

Ordinary Shares, par value NIS 0.01

(Title of Class of Securities)

M7516K 103

(CUSIP Number)

December 31, 2003

(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 1	3d-1(b)
	Rule 1	3d-1(c)
X	Rule 1	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 clas 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).

CUSIP	⁹ No. M7516K 1	3
1.	Names of Rep	ting Persons: Tamir Fishman Ventures II L.P.
	I.R.S. Identifi	tion Nos. of above persons (entities only):
2.	Check the Ap	opriate Box if a member of a Group (See instructions)
	(a) (b) x	
3.	SEC Use Onl	
4.	Citizenship or	lace of Organization: Delaware
Nı	umber of	. Sole Voting Power:
	Shares eficially by	Shared Voting Power: 447,639
R	Owned by Each Reporting	Sole Dispositive Power:
Person with:		Shared Dispositive Power: 447,639
9.	Aggregate Ar	unt Beneficially Owned by Each Reporting Person: 447,639
10.	Check if the A	gregate Amount in Row (9) Excludes Certain Shares (See Instructions) x
11.	Percent of Cla	Represented by Amount in Row (9): 3.0%
12.	Type of Repo	ng Person (See Instructions) PN

CUSIP	CUSIP No. M7516K 10 3			
1.	Names of Re	porting Persons: Tamir Fishman Ventures II (Israel) L.P.		
	I.R.S. Identif	ication Nos. of above persons (entities only):		
2.	Check the Ap	propriate Box if a member of a Group (See instructions)		
	(a) (b) x			
3.	SEC Use Onl	у		
4.	Citizenship o	r Place of Organization: Israel		
Nı	umber of	5. Sole Voting Power:		
	Shares eficially by	6. Shared Voting Power: 59,738		
R	Owned by Each Reporting	7. Sole Dispositive Power:		
Person with:		8. Shared Dispositive Power: 59,738		
9.	Aggregate Aı	mount Beneficially Owned by Each Reporting Person: 59,738		
10.	Check if the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) "		
11.	Percent of Cl	ass Represented by Amount in Row (9): 0.4%		
12.	Type of Repo	orting Person (See Instructions) PN		

CUSIP	CUSIP No. M7516K 10 3			
1.	Names of Rep	porting Persons: Tamir Fishman Ventures II CEO Fund (U.S.) L.P.		
	I.R.S. Identif	ication Nos. of above persons (entities only):		
2.	Check the Ap	opropriate Box if a member of a Group (See instructions)		
	(a) (b) x			
3.	SEC Use Onl	ly		
4.	Citizenship o	r Place of Organization: Delaware		
Nı	umber of	5. Sole Voting Power:		
	Shares eficially by	6. Shared Voting Power: 14,305		
R	Owned by Each Reporting	7. Sole Dispositive Power:		
Person with:		8. Shared Dispositive Power: 14,305		
9.	Aggregate Ar	mount Beneficially Owned by Each Reporting Person: 14,305		
10.	Check if the	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) "		
11.	Percent of Cl	ass Represented by Amount in Row (9): 0.1%		
12.	Type of Repo	orting Person (See Instructions) PN		

CUSIP	CUSIP No. M7516K 10 3			
1.	Names of Rep	ting Persons: Tamir Fishman Ventures II CEO Fund L.P.		
	I.R.S. Identifi	ion Nos. of above persons (entities only):		
2.	Check the Ap	opriate Box if a member of a Group (See instructions)		
	(a) " (b) x			
3.	SEC Use Onl			
4.	Citizenship or	ace of Organization: Israel		
Nu	ımber of	. Sole Voting Power:		
	Shares eficially by	. Shared Voting Power: 4,990		
Re	Owned by Each Reporting	. Sole Dispositive Power:		
Person with:		. Shared Dispositive Power: 4,990		
9.	Aggregate Ar	unt Beneficially Owned by Each Reporting Person: 4,990		
10.	Check if the A	gregate Amount in Row (9) Excludes Certain Shares (See Instructions) "		
11.	Percent of Cla	Represented by Amount in Row (9): 0.03%		
12.	Type of Repo	ng Person (See Instructions) PN		

CUSIP No. 1	CUSIP No. M7516K 10 3			
1. Nar	mes of Rep	orting Persons: Tamir Fishman Venture Capital II Ltd.		
I.R.	.S. Identific	cation Nos. of above persons (entities only):		
2. Che	eck the App	propriate Box if a member of a Group (See instructions)		
(a)				
3. SEC	x C Use Only	,		
		Place of Organization: Israel		
Number	r of	5. Sole Voting Power:		
Share Beneficial		6. Shared Voting Power: 308,351		
Owned	Owned by Each	7. Sole Dispositive Power:		
Person with:		8. Shared Dispositive Power: 308,351		
9. Agg	gregate An	nount Beneficially Owned by Each Reporting Person: 308,351		
10. Che	eck if the A	ggregate Amount in Row (9) Excludes Certain Shares (See Instructions)		
11. Pero	cent of Cla	ss Represented by Amount in Row (9): 2.0%		
12. Typ	pe of Repor	rting Person (See Instructions) CO		

CUSIP	CUSIP No. M7516K 10 3			
1.	Names of Rep	porting Persons: Tamir Fishman Ventures II (Cayman Islands) L.P.		
	I.R.S. Identifi	cation Nos. of above persons (entities only):		
2.	Check the Ap	propriate Box if a member of a Group (See instructions)		
	(a) " (b) x			
3.	SEC Use Onl	y		
4.	Citizenship or	Place of Organization: Cayman Islands		
Nı	umber of	5. Sole Voting Power:		
	Shares eficially by	6. Shared Voting Power: 59,577		
R	Owned by Each Reporting	7. Sole Dispositive Power:		
Person with:		8. Shared Dispositive Power: 59,577		
9.	Aggregate Ar	nount Beneficially Owned by Each Reporting Person: 59,577		
10.	Check if the A	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) "		
11.	Percent of Cla	ass Represented by Amount in Row (9): 0.4%		
12. Type of Reporting Person (See Instructions) PN		rting Person (See Instructions) PN		

CUSIP	CUSIP No. M7516K 10 3			
1.	Names of Rep	porting Persons: Tamir Fishman Ventures II L.L.C.		
	I.R.S. Identifi	cation Nos. of above persons (entities only):		
2.	Check the Ap	propriate Box if a member of a Group (See instructions)		
	(a) " (b) x			
3.	SEC Use Onl	у		
4.	Citizenship or	r Place of Organization: Delaware		
	Number of Shares neficially by Owned by Each Reporting Person	5. Sole Voting Power:		
		6. Shared Voting Power: 894,600		
R		7. Sole Dispositive Power:		
	with:	8. Shared Dispositive Power: 894,600		
9.	Aggregate Ar	nount Beneficially Owned by Each Reporting Person: 894,600		
10.	Check if the A	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)		
11.	Percent of Cla	ass Represented by Amount in Row (9): 5.9%		
12.	Type of Repo	rting Person (See Instructions) OO		

CUSIP No. M7516K 10 3		
1. Name	es of Rep	orting Persons: Shai Saul
I.R.S.	. Identific	cation Nos. of above persons (entities only):
2. Checl	k the App	propriate Box if a member of a Group (See instructions)
(a) "		
(b) x		
3. SEC	Use Only	,
4. Citize	enship or	Place of Organization: Israel
Number of		5. Sole Voting Power:
Shares Beneficially	by	6. Shared Voting Power: 894,600
Owned by Each	y	7. Sole Dispositive Power:
Reporting Person with:		
		8. Shared Dispositive Power: 894,600
9. Aggre	egate An	nount Beneficially Owned by Each Reporting Person: 894,600
10. Checl	k if the A	ggregate Amount in Row (9) Excludes Certain Shares (See Instructions) "
11. Perce	ent of Cla	ss Represented by Amount in Row (9): 5.9%
12. Type of Reporting Person (See Instructions) IN		rting Person (See Instructions) IN

CUSIP	CUSIP No. M7516K 10 3			
1.	Names of Rep	porting Persons: Michael Elias		
	I.R.S. Identifi	cation Nos. of above persons (entities only):		
2.	Check the Ap	propriate Box if a member of a Group (See instructions)		
	(a) "			
	(b) x			
3.	SEC Use Onl	y		
4.	Citizenship or	r Place of Organization: US and Israel		
Nu	umber of Shares eficially by	5. Sole Voting Power: 7,250		
		6. Shared Voting Power: 894,600		
	vned by Each	7. Sole Dispositive Power: 7,250		
Re	porting Person			
with:		8. Shared Dispositive Power: 894,600		
9.	Aggregate Ar	nount Beneficially Owned by Each Reporting Person: 901,850		
10.	Check if the A	Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)		
11.	Percent of Cla	ass Represented by Amount in Row (9): 6.0%		
12. Type of Reporting Person (See Instructions) IN				

CUSII	P No. M7516K	10 3	
1.	Names of Rep	oorting	Persons: Tamir Fishman & Co. Ltd.
	I.R.S. Identifi	cation	Nos. of above persons (entities only):
2.	Check the Ap	propri	ate Box if a member of a Group (See instructions)
	(a) "		
	(b) x		
3.	SEC Use Only	y	
4.	Citizenship or	r Place	of Organization: Israel
		5.	Sole Voting Power:
Ben	Imber of Shares Eficially by	6.	Shared Voting Power: 899,700 ¹
Owned by Each Reporting Person		7.	Sole Dispositive Power:
	with:	8.	Shared Dispositive Power: 899,700 ¹
9.	Aggregate An	nount :	Beneficially Owned by Each Reporting Person: 899,700 ¹
10.	Check if the A	Aggreg	rate Amount in Row (9) Excludes Certain Shares (See Instructions) "
11.	Percent of Cla	ass Rej	presented by Amount in Row (9): 6.0%
12.	Type of Repo	rting F	Person (See Instructions) CO
1	Includes 894,60		res owned by the entities listed on cover pages 1-6 of this schedule 13G and 5,100 shares owned directly by Tamir

Fishman & Co., Ltd.

CUSIP No. M7516K 10 3		
1. Nam	es of Rep	orting Persons: Eldad Tamir
I.R.S	S. Identific	cation Nos. of above persons (entities only):
2. Chec	ck the App	propriate Box if a member of a Group (See instructions)
(a) "		
(b) 2	X	
3. SEC	Use Only	
4. Citiz	zenship or	Place of Organization: Israel
Number of		5. Sole Voting Power:
Shares Beneficially		6. Shared Voting Power: 899,700
Owned b Each	ру	7. Sole Dispositive Power:
Reporting Person with:		
		8. Shared Dispositive Power: 899,700
9. Aggı	regate An	nount Beneficially Owned by Each Reporting Person: 899,700
10. Chec	ck if the A	aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) "
11. Perce	ent of Cla	ass Represented by Amount in Row (9): 6.0%
12. Type of Reporting Person (See Instructions) IN		rting Person (See Instructions) IN

CUSIP No. M7516K 10 3			
1.	Names of Rep	porting Persons: Danny Fishman	
	I.R.S. Identifi	ication Nos. of above persons (entities only):	
2.	Check the Ap	heck the Appropriate Box if a member of a Group (See instructions)	
	(a) "		
	(b) x		
3.	SEC Use Onl	у	
4.	4. Citizenship or Place of Organization: Israel		
Nu	ımber of	5. Sole Voting Power:	
	Shares ficially by	6. Shared Voting Power: 899,700	
Ov	wned by Each	7. Sole Dispositive Power:	
Re	eporting		
	Person with:	8. Shared Dispositive Power: 899,700	
9. Aggregate Amount Beneficially Owned by Each Reporting Person: 899,700			
10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) "			
11. Percent of Class Represented by Amount in Row (9): 6.0%			
12. Type of Reporting Person (See Instructions) IN			

Item 1.

(a) Name of Issuer

Nova Measuring Instruments Ltd.

(b) Address of Issuer s Principal Executive Offices

Weizman Scientific Park

P.O. Box 266, Rehovot 76100

Israel

Item 2.

(a) Name of Person Filing

This Schedule 13G is being jointly filed by each of the following persons pursuant to Rule 13d-1 promulgated by the Securities and Exchange Commission pursuant to Section 13 of the Securities Exchange Act of 1934, as amended (the Act):

- (i) Tamir Fishman Ventures II L.P., a Delaware limited partnership, by virtue of its direct beneficial ownership of ordinary shares, par value NIS .01 (the Ordinary Shares) of Nova Measuring Instruments Ltd (Nova);
- (ii) Tamir Fishman Ventures II (Israel) L.P., an Israeli limited partnership, by virtue of its direct beneficial ownership of Ordinary Shares of Nova;
- (iii) Tamir Fishman Ventures II CEO Fund (U.S.) L.P., a Delaware limited partnership, by virtue of its direct beneficial ownership of Ordinary Shares of Nova;
- (iv) Tamir Fishman Ventures II CEO Fund L.P., an Israeli limited partnership, by virtue of its direct beneficial ownership of Ordinary Shares of Nova;
- (v) Tamir Fishman Ventures II (Cayman Islands) L.P., a Cayman Islands exempted limited partnership, by virtue of its direct beneficial ownership of Ordinary Shares of Nova;
- (vi) Tamir Fishman Venture Capital II Ltd., an Israeli corporation, by virtue of its direct beneficial ownership of Ordinary Shares of Nova;
- (vii) Tamir Fishman Ventures II, LLC, a Delaware limited liability company, as the sole general partner of the entities named in clauses (i)-(v) above, and by virtue of its management rights with respect to Tamir Fishman Venture Capital Ltd. pursuant to the management agreement by and between Tamir Fishman Ventures, LLC and Tamir Fishman Venture Capital Ltd, dated March 7, 2000;
- (viii) Shai Saul, an Israeli citizen, as one of the managing members of Tamir Fishman Ventures II, LLC;
- (ix) Michael Elias, a U.S. and Israeli citizen, as one of the managing members of Tamir Fishman Ventures II, LLC;
- (x) Tamir Fishman & Co., an Israeli corporation, as one of the managing members of Tamir Fishman Ventures II, LLC;
- (xi) Eldad Tamir, an Israeli citizen, as Co-President & Co-CEO of Tamir Fishman & Co. Ltd.; and
- (xii) Danny Fishman, an Israeli citizen, as Co-President & Co-CEO of Tamir Fishman & Co. Ltd.

Each of the foregoing is hereinafter individually referred to as a Reporting Person and collectively the Reporting Persons .

(b) Address of Principal Business Office or, if none, Residence

The principal office and business address of each of the Reporting Persons is Platinum Tower, 21 Haa rbaa St., Tel-Aviv 64739, Israel.

(c) Citizenship

See Item 2(a) above and Item 4 of each cover page.

(d) Title of Class of Securities

Ordinary Shares, par value NIS 0.01

(e) CUSIP Number

M7516K 103

Item 3. If this statement is filed pursuant to §§240.13d-1(b) 240.13d-2(b) or (c), check whether the person is filing is a:

- (a) "Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
- (b) "Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) "Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) "Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- (h) "A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) " A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (i) "Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Ownership:

See each cover page.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following "

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

Not applicable.

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

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. Certification.

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.

Date: February 12, 2004

TAMIR FISHMAN VENTURES II L.P.

By: Tamir Fishman Ventures II, LLC, its general partner

By: /s/ Michael Elias

Name: Michael Elias Title: Managing Member

By: /s/ Shai Saul

Name: Shai Saul

Title: Managing Member

TAMIR FISHMAN VENTURES II (ISRAEL) L.P.

By: Tamir Fishman Ventures II, LLC,

its general partner

By: /s/ Michael Elias

Name: Michael Elias Title: Managing Member

By: /s/ Shai Saul

Name: Shai Saul

Title: Managing Member

TAMIR FISHMAN VENTURES II CEO FUND (U.S.)

L.P.

By: Tamir Fishman Ventures II, LLC,

its general partner

By: /s/ Michael Elias

Name: Michael Elias Title: Managing Member

By: /s/ Shai Saul

Name: Shai Saul

Title: Managing Member

TAMIR FISHMAN VENTURES II CEO FUND L.P.

By: Tamir Fishman Ventures II, LLC,

its general partner

By: /s/ Michael Elias

Name: Michael Elias Title: Managing Member

By: /s/ Shai Saul

Name: Shai Saul

Title: Managing Member

TAMIR FISHMAN VENTURE CAPITAL II LTD

By: /s/ Eldad Tamir

Name: Eldad Tamir Title: Director

By: /s/ Michael Elias

Name: Michael Elias Title: Director

TAMIR FISHMAN VENTURES II (CAYMAN ISLANDS) L.P. Tamir Fishman Ventures II, LLC, By: its general partner /s/ Michael Elias By: Name: Michael Elias Title: Managing Member /s/ Shai Saul By: Name: Shai Saul Title: Managing Member TAMIR FISHMAN VENTURES II L.L.C. By: /s/ Michael Elias Name: Michael Elias Title: Managing Member /s/ Shai Saul By: Name: Shai Saul Title: Managing Member /s/ Shai Saul Shai Saul /s/ Michael Elias Michael Elias TAMIR FISHMAN & CO., LTD. /s/ Eldad Tamir By: Name: Eldad Tamir Title: Co-President & CEO /s/ Danny Fishman By: Name: Danny Fishman Title: Co-President & CEO /s/ Eldad Tamir Eldad Tamir /s/ Danny Fishman

Danny Fishman