MASTERS CAPITAL MANAGEMENT LLC Form SC 13G/A February 09, 2004

NAME OF REPORTING PERSONS

Masters Capital Management, LLC

1.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G/A (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 2)(1)
Nanophase Technologies Corporation
(Name of Issuer)
Common Stock, \$.01 par value
(Title of Class of Securities)
630079-10-1
(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 13d-1(b)
[X] Rule 13d-1(c)
[_] Rule 13d-1(d)
(1) 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 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 No. 630079-10-1

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

1

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

2.

		(a) (b)	[_] [X]			
3.	SEC USE ONLY					
4.	CITIZENSHIP OR PLACE OF ORGANIZATION					
	Georgia					
NUMBE	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH					
5.	SOLE VOTING POWER					
	0					
6.	SHARED VOTING POWER					
	790,000					
7.	SOLE DISPOSITIVE POWER					
	0					
8.	SHARED DISPOSITIVE POWER					
	790,000					
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	790,000					
10. C	HECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*					
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9		[_]			
± ± •	5.00%					
12.						
12.	00					
	*SEE INSTRUCTIONS BEFORE FILLING OUT!					
CUSIP	No. 630079-10-1					
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)					
	Michael Masters					
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*					
			[_] [X]			

3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	USA	
NUMBE	OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	
5.	SOLE VOTING POWER	
	0	
6.	SHARED VOTING POWER	
	790,000	
7.	SOLE DISPOSITIVE POWER	
	0	
8.	SHARED DISPOSITIVE POWER	
	790,000	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	790,000	
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	
		[_]
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
	5.00%	
12.	IYPE OF REPORTING PERSON*	
	IN	
	*SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP	No. 630079-10-1	
		
Item :	(a). Name of Issuer:	
	Nanophase Technologies Corporation	
Item :	(b). Address of Issuer's Principal Executive Offices:	
	1319 Marquette Drive Romeoville, Illinois 60446	
Item 2	(a). Name of Persons Filing:	

Michael Masters Masters Capital Management, LLC _____ Item 2(b). Address of Principal Business Office, or if None, Residence: 17 Church Street, 3rd Floor Christiansted, VI 00820 ______ Item 2(c). Citizenship: Michael Masters - United States of America Masters Capital Management, LLC - Georgia Limited Liability Company Item 2(d). Title of Class of Securities: Common Stock, \$.01 par value _____ Item 2(e). CUSIP Number: 63079-10-1 _____ If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a: [_] Broker or dealer registered under Section 15 of the Exchange (a) Act. (b) [_] Bank as defined in Section 3(a)(6) of the Exchange Act. [] Insurance company as defined in Section 3(a)(19) of the (C) Exchange Act. [_] Investment company registered under Section 8 of the (d) Investment Company Act. (e) [_] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);[_] An employee benefit plan or endowment fund in accordance with (f)Rule 13d-1(b)(1)(ii)(F);[_] A parent holding company or control person in accordance with (g) Rule 13d-1(b)(1)(ii)(G); (h) [_] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act; [_] A church plan that is excluded from the definition of an (i) investment company under Section 3(c)(14) of the Investment Company Act; (j) [_] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

790,000 shares owned by Michael $\,$ Masters and Masters $\,$ Capital $\,$ Management, LLC $\,$

- (b) Percent of class:
- 5.00% owned by Michael Masters and Masters Capital Management, LLC

- (c) Number of shares as to which such person has:
- (i) Sole power to vote or to direct the vote O shares with sole power to vote or to direct the vote,
- (ii) Shared power to vote or to direct the vote 790,000 shares with shared power to vote or to direct the vote.
- (iii) Sole power to dispose or to direct the disposition of
 0 shares with sole power to dispose or to direct the disposition of,
- (iv) Shared power to dispose or to direct the disposition of 790,000 shares with shared power to dispose or to direct the disposition of.

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 [].

N/A ______

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

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

N/A

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

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b)(1)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

N/A

Item 8. Identification and Classification of Members of the Group.

If a group has filed this schedule pursuant to ss.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to ss.240.13d-1(c) or ss.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

N/A -----

Item 9. Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

N/A ______

Item 10. Certifications.

By signing below I certify that, to the best of my and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect.

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.

MASTERS CAPITAL MANAGEMENT, LLC

(Date)

February 4, 2004

(Signature)

By: /s/ Michael Masters

(Name/Title)

Michael Masters, Managing Member

Note. Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties for whom copies are to be sent.

Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

Exhibit A

AGREEMENT

The undersigned agree that this schedule 13G/A dated February 4, 2004 relating to the Common Stock of Nanophase Technologies Corporation shall be filed on behalf of the undersigned.

/s/ Michael Masters

Masters Capital Management, LLC

By: /s/ Michael Masters

Michael Masters, Managing Member

02115.0001 #461213