NANOGEN INC Form SC 13G October 12, 2005

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

NANOGEN, INC.					
(Name of Issuer)					
Common Stock, par value \$0.001 per share					
(Title of Class of Securities)					
630075109					
(CUSIP Number)					
September 27, 2005					
(Date of Event Which Requires Filing of this Statement)					
Check the appropriate box to designate the rule pursuant to which this Schedule 13G is filed:					
[] Rule 13d-1(b)					
[X] Rule 13d-1(c) [] 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					

CUSIP No. 630075109

Notes).

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

(1)	Names of Reporting Persons. I.R.S. Identification Nos. of Above Pers (entities only):				
	Fort Mason Capital, LLC				
(2)	Check the Appropriate Box if a Member of a Group (See Instructions)				
	(a)		b) 		
(3)	SEC Use Only				
(4)	Citizenship or Place of Organization: Delaware				
	of Shares Beneficially Owned Cach Reporting Person With	(5)	Sole Voting Power:		
		(6)	Shared Voting Power:	0	
		(7)	Sole Dispositive Power:		
		(8)	Shared Dispositive Power:	0	
(9)	Aggregate Amount Beneficially 5,867,347* Check if the Aggregate Amount Instructions): N/A				
(11)	Percent of Class Represented by Amount in Row (9): 10.7%*				
(12)	Type of Reporting Person (See	Inst	ructions): IA		
partner partner aggrega "Shares warrant addition LLC, a manager of all 2005, benefic	of September 27, 2005, Fort Marship ("Master"), and Fort I ship ("Partners" and, together the 5,102,041 shares of the costs), of Nanogen, Inc., a Design that entitle the Funds to the Shares at an exercise prince of the Funds and possesses so securities of the Company her for the purposes of Reg. Schally own 5,867,347 Shares, adding as of that date.	Mason er wi mmon lawar pur ce of pany le po ld by ectio	Partners, LP, a Delaw th Master, the "Funds"), stock, par value \$0.001 pe e corporation (the "Component of the "Component of the "Component of the "Capital"), serves as the wer to vote and direct the the Funds. Thus, as of Son 240.13d-3, Capital is	held in the r share (the pany"), and of 765,306 son Capital, e investment disposition eptember 27, deemed to	

Item 1(a). Name Of Issuer. Nanogen, Inc.

- Item 2(a). Name of Person Filing. Fort Mason Capital, LLC
- Item 2(b). Address of Principal Business Office or, if None, Residence. 456 Montgomery Street, 22nd Floor, San Francisco, CA 94104
- Item 2(d). Title of Class of Securities. Common Stock, par value \$0.001 per share
- Item 2(e). CUSIP No. 630075109
- Item 3. If This Statement Is Filed Pursuant to Sections 240.13d-1(b) or 240.13d-2(b) or (c), Check Whether the Person Filing is a:

 Not Applicable.
- Item 4. Ownership
 - (a) Amount Beneficially Owned (as of September 27, 2005) 5,867,347*
 - (b) Percent of Class (as of September 27, 2005) 10.7%*
 - (c) Number of Shares as to which the person has:
 - (i) sole power to vote or to direct the vote 5,867,347*
 - (ii) shared power to vote or to direct the vote 0*
 - (iii) sole power to dispose or to direct the disposition of 5,867,347*
 - (iv) shared power to dispose or to direct the disposition of $$0^{\ast}$$
- * As of September 27, 2005, Fort Mason Master, LP, a Cayman Islands limited partnership ("Master"), and Fort Mason Partners, LP, a Delaware limited partnership ("Partners" and, together with Master, the "Funds"), held in the aggregate 5,102,041 shares of the common stock, par value \$0.001 per share (the "Shares"), of Nanogen, Inc., a Delaware corporation (the "Company"), and warrants that entitle the Funds to purchase up to an aggregate of 765,306 additional Shares at an exercise price of \$4.00 per share. Fort Mason Capital, LLC, a Delaware limited liability company ("Capital"), serves as the investment

manager of the Funds and possesses sole power to vote and direct the disposition of all securities of the Company held by the Funds. Thus, as of September 27, 2005, for the purposes of Reg. Section 240.13d-3, Capital is deemed to beneficially own 5,867,347 Shares, or 10.7% of the Shares deemed issued and outstanding as of that date.

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

Not Applicable.

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.

By signing below I certify that, to the best of my knowledge 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 such securities and were not acquired and are not held in connection with or as a participant in any transaction having that 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.

October 12, 2005

FORT MASON CAPITAL, LLC

By:/s/Dan German

Name: Dan German Title: Managing Member

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)