

NANOGEN INC
Form 4
August 02, 2005

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
RESPESS WILLIAM L

(Last) (First) (Middle)
10398 PACIFIC CENTER COURT
(Street)

SAN DIEGO, CA 92121

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
NANOGEN INC [NGEN]

3. Date of Earliest Transaction (Month/Day/Year)
07/29/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
Sr. VP, General Counsel & Sec

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)
			Code	V	Amount	(A) or (D)	Price
Common Stock	07/29/2005		A		25,000 (1)	A	\$ 0.001
					44,334	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Underlying Security (Instr. 3 and 4)
Incentive Stock Options	\$ 5.87					04/30/2004 04/30/2014	Common Stock
Non-Qualified Stock Options	\$ 5.87					04/30/2004 04/30/2014	Common Stock
Non-Qualified Stock Options	\$ 4.7					01/29/2005 07/29/2014	Common Stock
Incentive Stock Options	\$ 4.4	07/29/2005		A	982	01/29/2006 ⁽²⁾ 07/29/2015	Common Stock
Non-Qualified Stock Options	\$ 4.4	07/29/2005		A	36,518	01/29/2006 ⁽²⁾ 07/29/2015	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RESPESS WILLIAM L 10398 PACIFIC CENTER COURT SAN DIEGO, CA 92121			Sr. VP, General Counsel & Sec	

Signatures

/s/ William L. Respass 08/02/2005

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).

(1) Shares subject to a Restricted Stock Unit award which vest and become issuable on July 29, 2007

(2) Option vests ratably on a monthly basis over a 2 year period beginning 6 months from date of grant with continued service.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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