

SEQUENOM INC  
Form 5  
May 21, 2008

**FORM 5**

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

Check this box if  
no longer subject  
to Section 16.  
Form 4 or Form  
5 obligations  
may continue.  
See Instruction  
1(b).  
Form 3 Holdings  
Reported  
Form 4  
Transactions  
Reported

**ANNUAL 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

## OMB APPROVAL

OMB  
Number: 3235-0362  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 1.0

1. Name and Address of Reporting Person \*  
Siemens Venture Capital GmbH

(Last) (First) (Middle)

WITTELSBACHERPLATZ 2

(Street)

MUNICH,Â 2MÂ D-80333

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
SEQUENOM INC [SQNM]

3. Statement for Issuer's Fiscal Year Ended  
(Month/Day/Year)  
12/31/2007

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 \_\_\_\_\_ Other (specify  
below) below)  
Former 10% Owner

6. Individual or Joint/Group Reporting

(check applicable line)

\_\_\_\_ Form Filed by One Reporting Person  
\_X\_ 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)  (A) or Amount (D) Price	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
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Reminder: Report on a separate line for each class of  
securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information  
contained in this form are not required to respond unless  
the form displays a currently valid OMB control number.**

SEC 2270  
(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security (Instr. 5)	9. of
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Derivative  
Security

Securities  
Acquired  
(A) or  
Disposed  
of (D)  
(Instr. 3,  
4, and 5)

(Instr. 3 and 4)

(A) (D) Date Expiration Title Amount  
Exercisable Date or  
Number  
of  
Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Siemens Venture Capital GmbH WITTELSBACHERPLATZ 2 MUNICH,Â 2MÂ D-80333	Â	Â	Â	Former 10% Owner
SIEMENS AKTIENGESELLSCHAFT WITTELSBACHERPLATZ 2 MUNICH,Â 2MÂ D-80333	Â	Â	Â	Former 10% Owner

## Signatures

Siemens Venture Capital GmbH by Dr. Ralf Schnell, CEO	05/21/2008
__Signature of Reporting Person	Date
Siemens Venture Capital GmbH by Thomas Kolbinger, CFO	05/21/2008
__Signature of Reporting Person	Date
Siemens Aktiengesellschaft by Dominik Asam, Managing Director and CEO Siemens Financial Services GmbH	05/21/2008
__Signature of Reporting Person	Date
Siemens Aktiengesellschaft by Solms U. Wittig, General Counsel Corporate and SFS	05/21/2008
__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).

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.