

SONEX RESEARCH INC

Form 4

December 20, 2004

FORM 4
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).

**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: 3235-0287
Expires: January 31,
2005
Estimated average
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(Print or Type Responses)

1. Name and Address of Reporting Person *
**GRUBER & MCBAIN CAPITAL
MANAGEMENT LLC**

(Last) (First) (Middle)

50 OSGOOD PLACE

(Street)

SAN FRANCISCO, CA 94133

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
SONEX RESEARCH INC [SONX]

3. Date of Earliest Transaction
(Month/Day/Year)
12/16/2004

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____X____ 10% Owner
____ Officer (give title below) ____ Other (specify below)

6. Individual or Joint/Group Filing(Check
Applicable Line)
X 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	12/16/2004		S		122,400	D	\$ 0.05
					1,155,293 ⁽²⁾	I	

By Limited
Partnerships
and
Investment
Advisory
Accounts ⁽¹⁾
⁽³⁾

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

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SEC 1474
(9-02)

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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 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 Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

GRUBER & MCBAIN CAPITAL MANAGEMENT LLC
50 OSGOOD PLACE
SAN FRANCISCO, CA 94133

X

Signatures

GRUBER & MCBAIN CAPITAL MANAGEMENT, LLC By: /s/ J. Patterson McBaine, J.
Patterson McBaine, Manager

12/20/2004

__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) This form is filed by Gruber & McBaine Capital Management, LLC (GMCM), a limited liability company that is an investment adviser for client accounts and a general partner of investment limited partnerships; Jon D. Gruber (Gruber) and J. Patterson McBaine (McBaine), who are managers, members and portfolio managers of GMCM; and Eric B Swergold (Swergold), who is a member and portfolio manager of GMCM.

(2) This total is the number of shares beneficially owned after the transactions reported in accounts and investment partnerships in which the reporting persons have some pecuniary interest; the total excludes shares held in other client accounts managed by GMCM in which the reporting persons have no pecuniary interest.

(3) By GMCM, as an investment adviser for client accounts and a general partner of investment partnerships, and by Gruber and McBaine as managers, members and portfolio managers of GMCM, and by Swergold as a member and portfolio manager of GMCM. GMCM, Gruber, McBaine and Swergold have pecuniary interest in those client accounts and partnerships that in the aggregate represent less than the total number of shares shown in Items 4 and 5. Each such reporting person disclaims beneficial ownership of the securities with respect to which indirect beneficial ownership is reported, except to the extent of that reporting persons pro rata pecuniary interest therein.

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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