

SOFAER ABRAHAM D  
Form 4  
August 10, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
SOFAER ABRAHAM D

(Last) (First) (Middle)

GEN-PROBE  
INCORPORATED, 10210  
GENETIC CENTER DRIVE

(Street)

SAN DIEGO, CA 92121

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
GEN PROBE INC [GPRO]

3. Date of Earliest Transaction  
(Month/Day/Year)  
08/06/2010

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)

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	08/06/2010		M		20,000	A	\$ 6.75
Common Stock	08/06/2010		M		10,000	A	\$ 19.185
Common Stock	08/06/2010		S <sup>(1)</sup>		17,965	D	\$ 48.52
Common Stock							1,000
							1,000

See Footnote (2)

Common Stock				See Footnote (3)
Common Stock	1,000		I	See Footnote (4)
Common Stock	1,000		I	See Footnote (5)
Common Stock	1,000		I	See Footnote (6)

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 1474 (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 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. Amount or Number of Shares
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares
Stock Options (Right to Buy)	\$ 6.75	08/06/2010		M	20,000	(7) 09/18/2012	Common Stock	20,000
Stock Options (Right to Buy)	\$ 19.185	08/06/2010		M	10,000	(8) 05/30/2013	Common Stock	10,000

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

SOFAER ABRAHAM D  
GEN-PROBE INCORPORATED  
10210 GENETIC CENTER DRIVE  
SAN DIEGO, CA 92121

X

## Signatures

/s/ R. William Bowen,  
Attorney-in-Fact

08/10/2010

\_\_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).

This transaction was executed in multiple trades at prices ranging from \$48.45 to \$48.548. The price reported above reflects the weighted  
(1) average sale price for these transactions. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the reported transactions were effected.

(2) 12/17/80 Trust FBO Michael J. Sofaer.

(3) 6/18/81 Trust FBO Helen R. Sofaer.

(4) 12/28/84 Trust FBO Joseph S. Sofaer.

(5) 12/30/86 Trust FBO Aaron R. Sofaer.

(6) 12/25/90 Trust FBO Raphael J. Sofaer.

(7) The stock option became fully vested and exercisable on September 1, 2005.

(8) The stock option became fully vested and exercisable on May 30, 2006.

Note: File three copies of this Form, one of which must be manually signed. If space 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.