BARABE TIMOTHY C

Form 4

February 21, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

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Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

Stock

(Print or Type Responses)

1. Name and A BARABE T	Symbol	2. Issuer Name and Ticker or Trading Symbol ARQULE INC [ARQL]				5. Relationship of Reporting Person(s) to Issuer			
	ARQU					(Check all applicable)			
(Last)	(First) (M	(iddle) 3. Date o	3. Date of Earliest Transaction					,	
G10 1 P.O.T.		`	Day/Year)				_X_ Director		Owner
C/O ARQUI PRESIDEN		02/18/2	012				Officer (give below)	below)	er (specify
	4. If Ame	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
	Filed(Mo	Filed(Month/Day/Year)				Applicable Line)			
WOBURN,	MA 01801						_X_ Form filed by Form filed by Person	One Reporting Pe More than One Re	
(City)	(State) (Zip) Tab	le I - Non-D	erivative :	Securi	ities Acc	quired, Disposed o	of, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if		on(A) or D	ispose	d of	Securities	Form: Direct	Indirect
(Instr. 3)		any (Manth/Day/Vaan)	Code	(D)	1 and	5)	Beneficially Owned	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)		Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(IIIsti. 1)	(msu. 4)
Common	02/18/2012	02/18/2012	A	670	A	\$ 7.83	42,193	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

7.83

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	int of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
BARABE TIMOTHY C							
C/O ARQULE, INC. 19 PRESIDENTIAL WAY	X						

Signatures

WOBURN, MA 01801

Robert J. Connaughton, Jr. By Power of Attorney for Timothy C. Barabe

02/21/2012

**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 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.

Reporting Owners 2