PEGASYSTEMS INC

Check this box

Form 4 or

obligations

may continue.

See Instruction

Form 5

Form 4 March 18, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * KAPLAN STEVEN F

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

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(First)

(Middle)

PEGASYSTEMS INC [PEGA]

C/O PEGASYSTEMS INC., 101

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

03/17/2010

_X__ Director 10% Owner Officer (give title _ Other (specify

(Check all applicable)

MAIN STREET (Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

CAMBRIDGE, MA 02142

(City)	(State) ((Zip) Table	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)		5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	03/17/2010		M	10,000	A	\$ 5.56 (1)	29,721	D	
Common Stock	03/17/2010		S	8,578	D	\$ 39 (2)	21,143	D	
Common Stock	03/17/2010		F	1,422	D	\$ 39.1	19,721	D	
Common Stock	03/17/2010		M	47	A	\$ 3.35 (3)	19,768	D	
	03/17/2010		S	42	D	\$ 39	19,726	D	

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Common Stock

Common Stock 03/17/2010 F 5 D \$ 39 19,721 D

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

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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. Transactio Code (Instr. 8)	5. Number of or 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 o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option	\$ 5.56 (1)	03/17/2010		M	10,000	06/29/2000(4)	06/29/2010	Common Stock	10,000
Stock Option	\$ 3.35 (3)	03/17/2010		M	47	06/05/2001(4)	06/05/2011	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
KAPLAN STEVEN F							
C/O PEGASYSTEMS INC.	X						
101 MAIN STREET	Λ						
CAMBRIDGE, MA 02142							

Signatures

/s/ Shawn Hoyt, Esq., as Attorney-In-Fact for Steven F.
Kaplan

03/18/2010

**Signature of Reporting Person Date

Reporting Owners 2

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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) Represents the exercise price of the Stock Option #1 referenced in Table II, which was paid by way of the withholding by the Company of shares with a value equal to the exercise price.
- (2) Represents the weighted average of sale prices on 3/17/2010, ranging from \$38.78 to \$39.21.
- (3) Represents the exercise price of the Stock Option #2 referenced in Table II, which was paid by way of the withholding by the Company of shares with a value equal to the exercise price.
- (4) All options were fully vested on date of grant.

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.