Perham Leonard charles Form 4 May 21, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Perham Leonard c		2. Issuer Name and Ticker or Trading Symbol MoSys, Inc. [mosy]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (Fi	irst) (Middle)	3. Date of Earliest Transaction	(Check all applicable)			
C/O MOSYS, INC	C., 3301 OLCOTT	(Month/Day/Year) 05/17/2012	_X_ Director 10% Owner Self-control of the president and CEO			
(St	reet)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SANTA CLARA,	CA 95054	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	Zip) Table	e I - Non-D	erivative S	ecurit	ies 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. Transactio Code (Instr. 8)	4. Securiti n(A) or Dis (Instr. 3, 4	posed	of (D)	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	or (D)	Price	(Instr. 3 and 4)	
Common Stock	05/17/2012	P	9,585	A	2.98 (1)	1,007,085	D
Common Stock	05/18/2012	P	40,415	A	\$ 3	1,047,500	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	2.	3. Transaction Date		4. T	5.	6. Date Exer		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if		ionNumber	Expiration D		Amou		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	(Year)	Under	, ,	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	Ť				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(211512
					4, and 5)						
					4, and 3)						
									Amount		
						.	.		or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
Fg	Director	10% Owner	Officer	Other				
Perham Leonard charles C/O MOSYS, INC. 3301 OLCOTT STREET SANTA CLARA, CA 95054	X		President and CEO					

Signatures

/s/ Leonard 05/21/2012 Perham

**Signature of Date
Reporting Person

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 price represents the weighted average purchase prices for multiple transactions reported on this line. The prices of the transactions reported on this line ranged from \$2.94 to \$3.00. Upon request by the SEC staff, the Issuer or a security holder of the Issuer, the Reporting Person will undertake to provide full information regarding the number of shares and prices for each transaction included in this footnote

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.

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