Ronaghi Mostafa Form 4 April 24, 2013

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

Expires:

January 31, 2005

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**OMB APPROVAL** 

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

(Print or Type Responses)

1. Name and A Ronaghi M	Symbol		d Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First) (1	Middle) 3. Date	of Earliest T	ransaction	(enec	an applicable	,
		(Month	/Day/Year)		Director	10%	Owner
5200 ILLU	04/23/	04/23/2013			_X_ Officer (give title Other (specify below)		
					Sr Vice	President & C	O
	4. If An	nendment, D	ate Original	6. Individual or Joint/Group Filing(Check			
		Filed(M	onth/Day/Yea	ur)	Applicable Line) _X_ Form filed by 0	One Reporting Per	rson
SAN DIEG				Form filed by More than One Reporting Person			
(City)	(State)	(Zip) Ta	ble I - Non-	Derivative Securities Acq	quired, Disposed of	f, or Beneficial	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature
Security	(Month/Day/Year)	Execution Date, if	Transacti	on(A) or Disposed of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)	Beneficially	Form: Direct	Beneficia
		(Month/Day/Year	(Instr. 8)		Owned	(D) or	Ownersh
					T 11 '	T 1' (T)	(T ( 4)

		Tabl	ic I - Moll-L	erranve i	3ccui i	nes Acqu	iii cu, Disposcu oi	, or belieficial	y 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 ction(A) or Disposed of (D) (Instr. 3, 4 and 5)		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)	
Common	04/23/2013		Code V	Amount 6,500	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4) 36,551	D	
Stock Common Stock	04/23/2013		S	(1) 6,500 (1)	D	28.45 \$ 60	30,051	D	
Common Stock	04/23/2013		M	12,500 (1)	A	\$ 37.04	42,551	D	
Common Stock	04/23/2013		S	12,500 (1)	D	\$ 60	30,051	D	
Common Stock	04/23/2013		M	40,000 (1)	A	\$ 44.38	70,051	D	

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Common Stock 04/23/2013 S 40,000 D \$60 30,051 D

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

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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)	Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 28.45	04/23/2013		M		6,500 (1)	02/28/2009	01/28/2019	Common Stock	6,
Non-Qualified Stock Option (right to buy)	\$ 37.04	04/23/2013		M		12,500 (1)	02/27/2010	01/27/2020	Common Stock	12
Non-Qualified Stock Option (right to buy)	\$ 44.38	04/23/2013		M		40,000	08/04/2009	08/04/2018	Common Stock	40

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## **Reporting Owners**

Reporting Owner Name / Address			Relationships		
	Director	10% Owner	Officer	Other	
D 1134 . C					

Ronaghi Mostafa

5200 ILLUMINA WAY Sr Vice President & CTO

SAN DIEGO, CA 92122

## **Signatures**

Scott M. Davies for Mostafa Ronaghi 04/24/2013

\*\*Signature of Reporting Person Date

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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) The sale was made pursuant to a 10b5-1 plan.

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.