FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL
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byC Sciammas

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Sciammas 04 Trst⁽⁵⁾

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24,671

24,671

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person [*] Sciammas Maurice				2. Issuer Name and MONOLITHI			0,		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
				MPWR]					Director Officer (give title		o Owner er (specify		
(Last) (First) (Middle)				3. Date of Earliest ⁻ 04/30/2010	Transactio	on (M	onth/Day/Yea		below)	belo	below)		
6409 GUADALUPE MINES ROAD										Sr. V.P.of Sales and Marketing			
(Street)				4. If Amendment, D	Date of Or	iginal	Filed (Month	· ·	6. Individual or Joint/Group Filing (Check Applicable Line)				
SAN JOSE CA 95		20						K Form filed by Or	Form filed by One Reporting Person				
									Form filed by Mo Person	Form filed by More than One Reporting Person			
(City)	(State)												
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 a			Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
					Code	v	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(1150.4)	(Instr. 4)	
Common Stoc	k		04/30/2010		M ⁽¹⁾		10,000	Α	\$1.2	80,741	D		
Common Stoc	k		04/30/2010		S ⁽¹⁾		10,000	D	\$25.2309	²⁾ 70,741	D		
Common Stoc	k									95,934	Ι	by Family Trust ⁽³⁾	

Common Stock

Common Stock

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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			nsaction 3A. Deemed Execution Date, if any (Month/Day/Year)		4. Transaction Code (Instr. 8)		ivative urities urities or posed D) tr. 3, 4 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Incentive Stock Option (right to buy)	\$1.2	04/30/2010		M ⁽¹⁾			10,000	09/10/2004	09/11/2013	Common Stock	10,000	\$0	0	D	

Explanation of Responses:

1. In accordance with the reporting person's 10b5-1 trading plan.

2. The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line range from \$25.10 to \$25.32. The reporting person undertakes to provide, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price

3. Shares held by Sciammas Family Living Trust, Maurice Sciammas and Christina Sciammas, Trustees

4. Shares held by Christina Sciammas 2004 Trust, Christina Sciammas and Maurice Sciammas, Trustees

5. Shares held by Maurice Sciammas 2004 Trust, Maurice Sciammas and Christina Sciammas, Trustees

By: Saria Tseng For: Maurice 05/03/2010 Sciammas

** Signature of Reporting Person Date

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

 * 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.

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 Number.