Common Stock

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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL
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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 [MPWR]			• •	INC (Che	lationship of Report ck all applicable) Director Officer (give title	10%	o Issuer Owner er (specify		
(Last) 6409 GUADA	(First) (Middle)			3. Date of Earliest 1 03/31/2010	Transactio	on (Me	onth/Day/Yea	X	below) below Sr. V.P.of Sales and Market		w)		
(Street) SAN JOSE (City)	CA (State)	951 (Zip	120	4. If Amendment, Date of Original Filed (Month/Day/Y				Day/Ye	Line)	 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person 			
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 Disposed O		ed (A) or str. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership	
					Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)	
Common Stoc	¢	03/31/2010		M ⁽¹⁾		4.906	A	\$7.77	75.647	D			

S⁽¹⁾

4,906

D

\$22.5123⁽²⁾

70,741

95,934

24,671

24,671

D

I

Ι

I

by

04 TRST⁽⁴⁾ byM

Family

Trust⁽³⁾ byC Sciammas

Sciammas

	ISTOCK												4,071	1	04 Trst ⁽⁵⁾
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)														
	erivative Conversion Date Execurity or Exercise (Month/Day/Year) if		3A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr.				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 Exercisab	Expiration e Date	Title	Amount or Number of Shares				
Incentive Stock Option (right to	\$7.77	03/31/2010		M ⁽¹⁾			4,906	01/26/200	6 01/26/2015	Common Stock	4,906	\$0	16,300	D	

Explanation of Responses:

buy)

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 \$22.50 to \$22.56. 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

03/31/2010

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

** 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.