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 Add Moyer Jam	2. Issuer Name and MONOLITHIC [MPWR]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner						
(Last) 6409 GUADA	(First) LUPE MINES F	(Midd	le)	3. Date of Earliest Tr 10/15/2007	ansaction	(Mor	nth/Day/Year)		X Officer (give t below) Chief IC		ther (specify elow) neer
(Street) SAN JOSE (City)	CA (State)	4. If Amendment, Da	te of Orig	inal F	iled (Month/E	· I	 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-Deriva	tive Securities A	cquire	d, D	isposed o	f, or B	enefici	ally Owned		
1. Title of Security (Instr. 3) Date (Month/Day/Y				r) 2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securitie Disposed O and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	((
Common Stock	¢		10/15/2007		S ⁽¹⁾		100	D	\$23.14	261,110	Ι	by Moyer FamilyTrust
Common Stock	ς		10/15/2007		S ⁽¹⁾		100	D	\$23.15	5 261,010	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		100	D	\$23.16	5 260,910	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		100	D	\$23.17	260,810	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		300	D	\$23.2	260,510	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		100	D	\$23.21	260,410	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		300	D	\$23.22	2 260,110	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		200	D	\$23.23	259,910	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		100	D	\$23.24	259,810	I	by Moyer FamilyTrust
Common Stock	¢		10/15/2007		S ⁽¹⁾		200	D	\$23.25	5 259,610	I	by Moyer FamilyTrust
Common Stock	c		10/15/2007		S ⁽¹⁾		200	D	\$23.27	259,410	I	by Moyer FamilyTrust
Common Stock	c		10/15/2007		S ⁽¹⁾		300	D	\$23.29	259,110	Ι	by Moyer FamilyTrust
Common Stock	ç		10/15/2007		S ⁽¹⁾		100	D	\$23.3	259,010	I	by Moyer FamilyTrust
Common Stock	ç		10/15/2007		S ⁽¹⁾		200	D	\$23.3	258,810	I	by Moyer FamilyTrust
Common Stock	C		10/15/2007		S ⁽¹⁾		200	D	\$23.31	258,610	I	by Moyer FamilyTrust
Common Stock	ζ		10/15/2007		S ⁽¹⁾		400	D	\$23.32	2 258,210	I	by Moyer FamilyTrust

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 and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	10/15/2007		S ⁽¹⁾		500	D	\$23.33	257,710	I	by Moyer FamilyTrust
Common Stock	10/15/2007		S ⁽¹⁾		200	D	\$23.34	257,510	I	by Moyer FamilyTrust
Common Stock	10/15/2007		S ⁽¹⁾		200	D	\$23.36	257,310	I	by Moyer FamilyTrust
Common Stock								890,569	D	
Common Stock								518,504	I	By Jointly w/Spouse

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

L								-			,				
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. Transact Code (In 8)		5. Nu of Deriv Secur Acqu (A) or Dispo of (D) (Instr and 5	vative rities ired r osed) . 3, 4	6. Date Exerc Expiration D (Month/Day/	ate	Amour Securit Underl Derivat	nt of ties ying tive ty (Instr.	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)	Beneficial Ownership
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

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

By: Saria Tseng For: James

10/15/2007

** Signature of Reporting Person Date

Moyer

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.

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