FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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 [*] Xiao Deming				Issuer Name and T IONOLITHIC MPWR]					ationship of Reportin all applicable) Director	10% (Owner	
(Last) (First) (Middle) 79 GREAT OAKS BLVD			· ·	Date of Earliest Tra 5/02/2013	nsaction	(Mon	th/Day/Year)	X	Officer (give title below) Pres. of MPS A	below	Other (specify below) Operations	
(Street) SAN JOSE (City)	CA (State)	9511 (Zip)		If Amendment, Date	e of Origii	nal Fi	led (Month/Da	ay/Year)	6. Indi Line) X	1 '		
		Table I -	Non-Derivativ	ve Securities A	cquirec	l, Di	sposed of	, or Be	eneficially	Owned		
			2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)			4. Securities Disposed O 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 Stoc	k		05/02/2013		S ⁽¹⁾		1,940	D	\$23.171	117,265	D	
Common Stoc	k		05/02/2013		A		173(2)	Α	\$0.0	117,438	D	
Common Stoc	k		05/02/2013		S ⁽¹⁾		92	D	\$23.17	117,346	D	
Common Stoc	k		05/03/2013		S ⁽¹⁾		264	D	\$24.18	117,082	D	
Common Stoc	k –		05/03/2013		A		23(2)	A	\$0.0	117,105	D	
Common Stoc	ĸ		05/03/2013		S ⁽¹⁾		13	D	\$24.18	117,092	D	
Common Stoc	c		05/03/2013		М		70.000	Α	\$11.31	187 092	D	

Common Stock

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

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70,000

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1. Title of Derivative Security (Instr. 3)	Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)			5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)				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				
Non- Qualified Stock Option (right to buy)	\$11.85 ⁽³⁾	05/03/2013		М			70,000	10/26/2008	10/26/2013	Common Stock	70,000	\$0.0	0	D	

Explanation of Responses:

1. Shares sold to pay tax obligations resulting from the vesting of restricted stock units.

2. Equitable stock dividend adjustment approved by the Board of Director as a result of dividend Payment to shareholders on December 28, 2012. Stock dividends will release according to the same vesting schedule as the original grants.

3. On December 11, 2012, the Company's Board declared a special cash dividend of \$1.00 per common share, which was paid on December 28, 2012 to all shareholders of record as of the close of business on December 21, 2012. The Board approved a modification whereby each outstanding option as of December 28, 2012 was increased by a ratio of 1.0471 with a corresponding reduction in the exercise price.

By: Saria Tseng For: Deming 05/06/2013

\$24.2107

117,092

12,587

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by

Spouse

D

OMB APPROVAL

STA	TEMEN	IT OF	CHAN	IGES

05/03/2013

** 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.

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