FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response: 0.5

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				2. Issuer Name and			0,		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
				[MPWR]					Director		Owner		
(Last) (First) (Middle) 79 GREAT OAKS BLVD			· ·	3. Date of Earliest Tr 01/03/2014	ransactio	n (Mo	nth/Day/Yea	X	Officer (give title Othe below) below Pres. of MPS Asia Operation		·		
(Street)				4. If Amendment, Da	ate of Oriç	ginal I	Filed (Month/	Line)					
SAN JOSE	CA	951	19					X	Form filed by On				
(City)	(State)	(Zip)							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. Securitie Disposed C		ed (A) or str. 3, 4 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)	(1130.4)	(1130.4)		
Common Stock	¢		01/03/2014		S ⁽¹⁾		5,065	D	\$33.9386(2)	54,961	D		
Common Stock 01/0		01/07/2014		S ⁽³⁾		99	D	\$33.97	7,946	Ι	by Spouse		
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	 	Transaction Code (Instr. 8)		of		Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		of Derivative	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				

Explanation of Responses:

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

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 \$33.82 to \$33.97. 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.
 Shares sold to pay tax obligations resulting from the vesting of restricted stock units.

By: Saria Tseng For: Deming 01/07/2014

Xiao

** 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.