POWER ONE INC

Reported by THOMPSON RICHARD J

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 12/17/09 for the Period Ending 12/15/09

Address 740 CALLE PLANO

CAMARILLO, CA 93012

Telephone 8059878741

CIK 0001042825

Symbol PWER

SIC Code 3679 - Electronic Components, Not Elsewhere Classified

Industry Electronic Instr. & Controls

Sector Technology

Fiscal Year 12/31



Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE **COMMISSION**

Washington, D.C. 20549

OMB APPROVAL OMB Number: 3235-0287 Expires: February 28, 2011 Estimated average burden hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP **OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *				* 2.	2. Issuer Name and Ticker or Trading Symbol								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
THOMPSON RICHARD J				P	POWER ONE INC [PWER]												
(Last) (First) (Middle)				3.	3. Date of Earliest Transaction (MM/DD/YYYY)								X _ Direc	ctor	-	10% (Owner
740 CALLE PLANO					12/15/2000								X Officer (give title below) Other (specify below) Director, President & CEO				
(Street)					4. If Amendment, Date Original Filed (MM/DD/YYYY)								6. Individual or Joint/Group Filing (Check Applicable Line)				
CAMARILLO, CA 93012 (City) (State) (Zip)													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			2. Tran Date	I H I	2A. Deemed Execution Date, if	(Instr. 3,			l (A) l of (l 4 and	(A) or of (D) (Instr. 3		ng Reported Transaction(s)			Ownership Form:	Beneficial Ownership	
						,	Code	v	Amount	(A) or (D)	Price	e				(I) (Instr. 4)	(Instr. 1)
Common Stock 12					/2009		G (1)	v	5000	D	\$0		1130571			D	
Common Stock 12				12/16/2	/2009		G ⁽²⁾	v	5000	D	\$0		1125571			D	
Tab	ole II - De	rivati	ive Securi	ties Ber	nefici	ally Ov	wned (e.g	. , puts	, cal	lls, v	varrant	s, options	, convert	ible secur	ities)	
1. Title of Derivate Security (Instr. 3) 2. Conversion or Exercise Price of Derivative Security Security 3. Trans. Deemed Execution Date, if any Code (Instr. Code				Code S A D D (1)	5. Numl Derivati Securiti Acquire Dispose Instr. 3					es Underly ve Securit and 4)	ing	(Instr. 5) Se Bo O Fo Ro	of derivative Securities Beneficially Owned	Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr.	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code V	(A) (D) Exercisable Date Title Shares							(8) (IIISU. 4)					

Explanation of Responses:

- (1) This transaction is voluntarily reported on Form 4 and involved a gift of securities by the reporting person to his daughter, who does not share reporting person's household. The reporting person disclaims beneficial ownership of the shares held by his daughter, and this report should not be deemed an admission that the reporting person is the beneficial owner of his daughter's shares for purposes of Section 16 or for any other purpose.
- (2) This transaction is voluntarily reported on Form 4 and involved a gift of securities by the reporting person to his daughter, who does not share reporting person's household. The reporting person disclaims beneficial ownership of the shares held by his daughter, and this report should not be deemed an admission that the reporting person is the beneficial owner of his daughter's shares for purposes of Section 16 or for any other purpose.

Reporting Owners

Paparting Owner Name / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
THOMPSON RICHARD J								
740 CALLE PLANO	X		Director, President & CEO					
CAMARILLO, CA 93012								

Signatures

Tina D. McKnight, Attorney-in-Fact for Richard J. Thompson

12/17/2009

** 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 control number.