Rockwood Holdings, Inc.

Form 4

January 12, 2015

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB 3235-0287 Number:

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Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Ghasemi Seifi Issuer Symbol Rockwood Holdings, Inc. [ROC] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner Officer (give title _ Other (specify C/O ROCKWOOD HOLDINGS. 01/08/2015 below) INC., 100 OVERLOOK CENTER 4. If Amendment, Date Original (Street) 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting PRINCETON, NJ 08540

(City)	(State) (Z	Table Table	I - Non-De	erivative S	ecurit	ies Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 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)		
Common Stock, par value \$0.01 per share	01/08/2015		A	25,032	A	\$ 0 (1)	736,723	D	
Common Stock, par value \$0.01 per share	01/08/2015		A	8,445	A	\$ 0 (2)	745,168	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired		ate	7. Title Amoun Underly Securit (Instr. 3	nt of ying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo
	Security				(A) or Disposed of (D) (Instr. 3, 4, and 5)						Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title I	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Kelation	iships

Director 10% Owner Officer

Ghasemi Seifi C/O ROCKWOOD HOLDINGS, INC. 100 OVERLOOK CENTER PRINCETON, NJ 08540

X

Signatures

/s/ Seifi 01/12/2015 Ghasemi

**Signature of Date Reporting Person

Explanation of Responses:

- 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).

Represents shares of common stock of the Issuer delivered upon vesting of restricted stock units granted in December 2011, the number of which was earned based upon the Issuer's relative shareholder return financial performance over fiscal years 2012-2014 and includes 1,084 shares representing dividend equivalent rights on such units accrued to the reporting person in connection with the Issuer's quarterly dividends from the second quarter 2013 through the fourth quarter 2014.

Represents pro-rata portion of additional shares of common stock of the Issuer that were earned on market stock units granted in December 2011 in addition to the 26,605 target shares reported on December 6, 2011. These additional shares were earned based upon

(2) the Issuer's financial performance over fiscal years 2012-2014 and include 1,931 shares representing dividend equivalent rights accrued to the reporting person on the additional shares in connection with the Issuer's quarterly dividends from the second quarter 2013 through the fourth quarter 2014.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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