Plisinski Michael P Form 4 February 12, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *

Plisinski Michael P

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to

Issuer

RUDOLPH TECHNOLOGIES INC

[RTEC]

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year)

02/08/2018

(Check all applicable) _X__ Director 10% Owner

Chief Executive Officer

X_ Officer (give title Other (specify below)

C/O RUDOLPH TECHNOLOGIES.

(Street)

(State)

02/08/2018

(First)

INC., 16 JONSPIN ROAD

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

WILMINGTON, MA 01887

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

Code (D) (Month/Day/Year) (Instr. 8)

3. 4. Securities Acquired 5. Amount of Transaction(A) or Disposed of (Instr. 3, 4 and 5)

6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Beneficial Ownership Owned Indirect (I) (Instr. 4) Following (Instr. 4) Reported

(A) Transaction(s) or (Instr. 3 and 4)

Code V Price Amount (D)

A

22.965 A (1)

\$0 369,603

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	Ĭ				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
									Amount		
						Date	Expiration		or		
							Date				
						2.1010154010	2410		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Plisinski Michael P C/O RUDOLPH TECHNOLOGIES, INC. 16 JONSPIN ROAD WILMINGTON, MA 01887	X		Chief Executive Officer				

Signatures

/s/ Michael P.
Plisinski

**Signature of Reporting Person

O2/12/2018

Date

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).
- (1) One-third of the total shares of Common Stock subject to this Restricted Stock Unit grant vests on each of the first three anniversaries of the grant date. Generally, vested shares will be delivered to the reporting person as soon as practicable after vesting.

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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