Eaton Corp plc Form 4											
February 25, 2014							OMB A	PPROVAL			
FORM 4 UNITEI	) STATES SECU	<b>RITIES</b> A ashington			NGE C	COMMISSION	OMB Number:	3235-0287			
Check this box if no longer		U	·				Expires:	January 31, 2005			
subject to STATE Section 16.	MENT OF CHA	NGES IN SECUI		ICIA	L OW	NERSHIP OF	Estimated a burden hou	l average ours per			
Form 4 or Form 5 obligations may continue.response0.5See Instruction 1(b).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 19400.5											
(Print or Type Responses)											
1. Name and Address of Reportin GROSS THOMAS	Symbol	er Name <b>an</b> Corp plc [		Tradi	ng	5. Relationship of Issuer					
(Last) (First)		of Earliest T	-			(Chec	k all applicable	:)			
1000 EATON BOULEVAR	/Day/Year) 2014				Director 10% Owner X Officer (give title Other (specify below) below) See Remarks below.						
(Street) 4. If Amendment, Date Origi Filed(Month/Day/Year)				ıl	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person						
CLEVELAND, OH 44122						Form filed by M Person	Iore than One Re	porting			
(City) (State)	(Zip) Ta	ble I - Non-l	Derivative	Secu	ities Acq	uired, Disposed of	, or Beneficial	ly Owned			
1.Title of Security (Instr. 3)2. Transaction Da (Month/Day/Year)		Code	4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Indirect Beneficial			
Ondinany		Code V	Amount		Price	(Instr. 3 and 4)					
Ordinary 02/21/2014 Shares		F	403 <u>(1)</u>	D	\$ 73.59	81,790.2	D				
Ordinary 02/21/2014 Shares		М	9,100 (2)	А	\$0	90,890.2	D				
Ordinary 02/21/2014 Shares		F	3,496 (3)	D	\$ 73.59	87,394.2	D				
Ordinary 02/21/2014 Shares		М	2,750 (2)	А	\$0	90,144.2	D				
Ordinary 02/21/2014 Shares		F	904 <u>(3)</u>	D	\$ 73.59	89,240.2	D				

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Ordinary Shares	02/21/2014	М	3,935 (2)	Α	\$ 0	93,175.2	D	
Ordinary Shares	02/21/2014	F	1,291 (3)	D	\$ 73.59	91,884.2	D	
Ordinary Shares						4,516.251 <u>(4)</u>	Ι	by trustee of ESP

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

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.

# 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. Transactio Code (Instr. 8)	Securities		Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		Monophic Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		tive Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pri Deriv Secu (Instr
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Restricted Stock Units	\$ 0	02/21/2014		М		9,100 (5)	(6)	(6)	Ordinary Shares	9,100	\$				
Restricted Stock Units	\$ 0	02/21/2014		М		2,750 (5)	(6)	(6)	Ordinary Shares	2,750	\$				
Restricted Stock Units	\$ 0	02/21/2014		М		3,935 (5)	(6)	(6)	Ordinary Shares	3,935	\$				

### **Reporting Owners**

Reporting Owner Name / Address	Relationships								
1	Director	10% Owner	Officer	Other					
GROSS THOMAS									
1000 EATON BOULEVARD			See Remarks below.						
CLEVELAND, OH 44122									

# Signatures

/s/ Elizabeth K. Riotte, as Attorney-in-Fact

02/25/2014

\*\*Signature of Reporting Person

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) These ordinary shares were delivered to the Issuer to pay for the applicable withholding tax due upon vesting of certain shares of restricted stock.
- (2) These ordinary shares were acquired upon the vesting and settlement of certain restricted stock units.
- (3) These ordinary shares were delivered to the Issuer to pay for the applicable withholding tax due upon vesting of certain restricted stock units.
- (4) These ordinary shares are held in the Eaton Savings Plan.
- (5) These restricted stock units were surrendered in exchange for ordinary shares of the Issuer.
- (6) This field is not applicable.

#### **Remarks:**

Vice Chairman and Chief Operating Officer - Electrical Sector of Eaton Corporation, a subsidiary of the Issuer

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.