Greco John R Form 4 April 22, 2010

FORM 4

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

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

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

Check this box

may continue. See Instruction

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *

Greco John R			Symbol PARKER HANNIFIN CORP [PH]					Issuer (Check all applicable)				
(Last)	(First)	(First) (Middle) 3. Date of Earliest Transaction						100.0				
PARKER- CORPORA PARKLAN	(Month/Day/Year) 04/21/2010					Director 10% Owner X Officer (give title Other (specify below) below) VP, Pres - Instrumentation Grp						
1111112111	(Street)		4 TC A	. 1				<i>.</i>	: ./C E1	. (6)		
		nendment, I onth/Day/Ye	_	nai		6. Individual or Joint/Group Filing(Check Applicable Line)						
	Tited(W	Oliti/Day/ TC	ai)			_X_ Form filed by One Reporting Person						
CLEVELA						Form filed by More than One Reporting Person						
(City)	(State) 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)		Code (Instr. 8)	4. Securities Acquired (A) ionor Disposed of (D) (Instr. 3, 4 and 5) (A) or 7. Amount (D) Price			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock								5,023.856	I	Parker Retirement Savings Plan		
Common Stock	04/21/2010			M	1,800	A	\$ 31.5267	6,685	D			
Common Stock	04/21/2010			F	1,115	D	\$ 70.264	5,570	D			
Common Stock	04/21/2010			S	685	D	\$ 70.264	4,885	D			

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

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SEC 1474 (9-02)

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. Transactic Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. D Se (I
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Option to Buy	\$ 31.5267	04/21/2010		M	1,800	<u>(1)</u>	08/12/2013	Common Stock	1,800	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Greco John R PARKER-HANNIFIN CORPORATION 6035 PARKLAND BOULEVARD CLEVELAND, OH 44124-4141

VP, Pres - Instrumentation Grp

Signatures

Joseph R. Leonti, Attorney-in-Fact

**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) The option vested in two equal installments on 8/13/2004 and 8/13/2005.
- (2) Granted under the Corporation's 1993 Stock Incentive Program in a transaction exempt under Rule 16b-3.

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.

Reporting Owners 2