PROLOGIS Form 4 May 20, 2010

FORM 4

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

OMB APPROVAL

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

Check this box

Form 5 obligations may continue. See Instruction

SECURITIES

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * JACOBS DR DONALD P Sy			r Name and Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer			
		PROLO	OGIS [PLD]	(Check all applicable)			
(Last)	(First) (Mi	ddle) 3. Date of	3. Date of Earliest Transaction				
45.45 A IDDO	DE WAY	(Month/D	· ·	X Director 10% Owner Officer (give title Other (specify			
4545 AIRPO	RTWAY	05/18/20	010	below) below)			
	(Street)		endment, Date Original	6. Individual or Joint/Group Filing(Check			
		Filed(Mon	nth/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person			
DENVER, C	O 80239			Form filed by More than One Reporting Person			
(City)	(State) (Z	Zip) Table	le I - Non-Derivative Securities A	cquired, 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 Disposed of (D)	5. Amount of Securities Form: Direct Indirect Beneficially (D) or Beneficial Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported Transaction(s) (Instr. 3 and 4)			
Common Shares of Beneficial Interest, par value \$.01	05/18/2010	05/18/2010	M 3,088 A \$0	17,748 D			

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

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SEC 1474

(9-02)

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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. Transactic Code (Instr. 8)	5. Number on 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	
Deferred Share Units	<u>(2)</u>					<u>(2)</u>	<u>(2)</u>	Common Shares of Beneficial Interest	<u>(2)</u>	
Option Dividend Equivalent Units	\$ 0 (3)	05/18/2010	05/18/2010	M	3,088	(3)	(3)	Common Shares of Beneficial Interest	3,088 (3)	
Phantom Shares	<u>(4)</u>					<u>(4)</u>	<u>(4)</u>	Common Shares of Beneficial Interest	<u>(4)</u>	

Reporting Owners

Reporting Owner Name / Address	Relationships				
Topolong of the Fund of Fundament	Director	10% Owner	Officer	Other	
JACOBS DR DONALD P 4545 AIRPORT WAY DENVER, CO 80239	X				

Signatures

/s/ Kristi Oberson, attorney-in-fact for Donald
Jacobs 05/20/2010

**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) Reporting conversion into ProLogis common shares of dividend equivalent units (DEUs) earned on options that expired 5/18/2010.
- (2) Reporting holdings of Deferred Share Units (DSUs). DSUs are fully vested at grant and are automatically deferred until the reporting person ceases to be a trustee, at which time the units convert into ProLogis common shares on a 1-for-1 basis. Balance in column 9

Reporting Owners 2

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includes Dividend Equivalent Units which are also deferred.

- Jacobs Reporting conversion into ProLogis common shares of 3,088 dividend equivalent units earned on 5,000 options that expired on 5/18/2010. Balance in column 9 includes 5,000 fully vested non-qualified stock options with an exercise price of \$20.80 expiring 5/17/2011, 5,000 fully vested non-qualified stock options with an exercise price of \$24.47 expiring 6/12/2012, and 5,000 fully vested non-qualified stock options with an exercise price of \$27.56 expiring 5/20/2013. Also includes 2,587 related Dividend Equivalent Units (DEUs) earned on certain stock options and paid in common shares on a 1-for-1 basis upon exercise or at expiration of the underlying option.
- Reporting holdings of phantom shares. Represents trustee fees payable in ProLogis common shares that the filer has elected to defer into phantom shares. Also includes phantom shares earned through dividend reinvestment related to the phantom shares. Phantom shares are payable in common shares generally upon retirement from the board. Phantom shares are convertible into common shares on a 1-to-1 basis.

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.