

FORM 4

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

OMB APPROVAL
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person Gray Myron A			2. Issuer Name and Ticker or Trading Symbol UNITED PARCEL SERVICE INC [UPS]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) _____ Senior Vice President		
(Last) (First) (Middle) 55 GLENLAKE PARKWAY, NE			3. Date of Earliest Transaction (Month/Day/Year) 10/29/2010					
(Street) ATLANTA, GA 30328			4. If Amendment, Date Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City) (State) (Zip)			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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock	10/29/2010		M		247.9098	A	\$ 69.31	33,721.3367	D	
Class A Common Stock	10/29/2010		M		219.6292	A	\$ 69.31	33,940.9659	D	
Class A Common Stock	10/29/2010		M		193.9202	A	\$ 69.31	34,134.8861	D	
Class A Common Stock	10/29/2010		M		175.873	A	\$ 69.31	34,310.7591	D	
Class A Common Stock	10/29/2010		M		157.5237	A	\$ 69.31	34,468.2828	D	
Class A Common Stock	10/29/2010		F		51.1164	D	\$ 69.31	34,417.1664	D	
Class A Common Stock	10/29/2010		F		57.0708	D	\$ 69.31	34,360.0956	D	
Class A Common Stock	10/29/2010		F		62.9271	D	\$ 69.31	34,297.1685	D	
Class A Common Stock	10/29/2010		F		71.2698	D	\$ 69.31	34,225.8987	D	
Class A Common Stock	10/29/2010		F		80.4468	D	\$ 69.31	34,145.4519 (1)	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. Transaction Code (Instr. 8)		5. Number of 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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Units	(2)	10/29/2010		M		219.6292		(3)	10/15/2010(3)	Class A Common Stock	219.6292	\$ 0	0	D	
Restricted Stock Units	(2)	10/29/2010		M		157.5237		(3)	10/15/2011(3)	Class A Common Stock	157.5237	\$ 0	158	D	
Restricted Stock Units	(2)	10/29/2010		M		175.873		(3)	10/15/2012(3)	Class A Common Stock	175.873	\$ 0	350	D	

Restricted Stock Units	(2)	10/29/2010		M		247.9098	(3)	10/15/2013(3)	Class A Common Stock	247.9098	\$ 0	743	D	
Restricted Stock Units	(2)	10/29/2010		M		193.9202	(3)	10/15/2014(3)	Class A Common Stock	193.9202	\$ 0	774	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gray Myron A 55 GLENLAKE PARKWAY, NE ATLANTA, GA 30328			Senior Vice President	

Signatures

Robert S. Shaw, Power of Attorney	11/02/2010
<small>Signature of Reporting Person</small>	<small>Date</small>

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) Includes 9.4144 shares acquired in the Reporting Person's 401(k) account between August 6, 2010 and October 29, 2010.

(2) Represents Restricted Stock Units (RSUs) granted as Management Incentive Awards under the United Parcel Service, Inc. Incentive Compensation Plan. Each RSU represents the right to receive one share of Class A common stock.

(3) RSUs vest at the rate of 20% on October 15th of each year during the vesting period.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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