Marples Paul Form 4 March 08, 2011

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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subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Marples Paul Issuer Symbol COSTAR GROUP INC [CSGP] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title _ Other (specify C/O COSTAR GROUP, INC., 1331 03/04/2011 below) below) L STREET, NW Managing Director, FOCUS (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting WASHINGTON, DC 20005 Person

(City)	(State)	Zip) Table	e I - Non-D	erivative :	Secur	ities Acqu	uired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed Execution Date, if any		3. 4. Securities Acquire Transaction(A) or Disposed of (I Code (Instr. 3, 4 and 5) (Instr. 8)		d of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Stock, par value \$0.01 per share	03/04/2011		S	1,500	D	\$ 57.25 (1)	15,902 (2)	D	
Common Stock, par value \$0.01 per share	03/04/2011		A	2,500	A	\$0	18,402 (3)	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. 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Acquire Common Stock	\$ 57.16	03/04/2011		A	5,900	<u>(4)</u>	03/03/2021	Common Stock	5,900

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Marples Paul

C/O COSTAR GROUP, INC. 1331 L STREET, NW WASHINGTON, DC 20005

Managing Director, FOCUS

Signatures

/s/ Jonathan Coleman, Attorney-in-Fact

03/08/2011

**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) Average based on sales prices ranging from \$57.19 to \$57.29.
- (2) Represents all shares of Common Stock owned, consisting of shares of 11,335 Common Stock and 4,567 shares of Common Stock subject to unvested Restricted Stock Grants.
- (3) Represents all shares of Common Stock owned, consisting of 11,335 shares of Common Stock and 7,067 shares of Common Stock subject to unvested Restricted Stock Grants.
- (4) The option vests in three equal installments on March 4, 2012, March 4, 2013, and March 4, 2014.

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

Reporting Owners 2

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