Marples Paul Form 4 August 02, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Marples Paul

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

COSTAR GROUP INC [CSGP]

(Last)

(City)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

08/01/2011

Director

below)

10% Owner X_ Officer (give title Other (specify

C/O COSTAR GROUP, INC., 1331

(Street)

(State)

L STREET, NW

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Managing Director, FOCUS

below)

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

WASHINGTON, DC 20005

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Beneficially (D) or Indirect (I) Owned Following (Instr. 4) Reported

Beneficial Ownership (Instr. 4)

Indirect

(A) or Code V Amount (D)

Transaction(s) (Instr. 3 and 4) Price

Common

Stock, par value \$0.01

per share

08/01/2011

17 (1) Α Α \$0 16,273 ⁽²⁾

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	B) Derivative			Securities		(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Owne
	Security				Acquired					Follo	
	(A) or Disposed									Repo	
									Trans		
					of (D)						(Instr
					(Instr. 3, 4, and 5)						
								Δ	mount		
						Date Expiratio		Title N	ı Iumber		
						Exercisable	Date	01			
				Code V	(A) (D)				hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Marples Paul

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

Managing Director, FOCUS

Signatures

/s/ Jonathan Coleman, Attorney-in-Fact

08/02/2011

**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).
- Service award granted by the Company for the reporting person's 10-year anniversary of employment. The closing stock price of the **(1)** Company's common stock on the date of grant was \$59.04.
- Represents all shares of Common Stock owned, consisting of 10,472 shares of Common Stock and 5,801 shares of Common Stock subject to unvested Restricted Stock Grants.

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.

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