Stanfill John L Form 4 September 06, 2012

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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X Form filed by One Reporting Person Form filed by More than One Reporting

Person

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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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Stanfill John L Issuer Symbol COSTAR GROUP INC [CSGP] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify C/O COSTAR GROUP, INC., 1331 09/04/2012 below) below) L STREET, NW Sr. VP-Sales, Customer Service (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

WASHINGTON, DC 20005

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) Owned (Instr. 8) (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Amount (D) Price Common Stock, par 09/04/2012 F 15.470 D 65,223 (1) D value \$0.01 per share Common Stock, par 09/06/2012 M 15.000 A 80,223 (2) D value \$0.01 per share Common Stock, par 81.84 09/06/2012 S 34,530 D 45,693 (4) D value \$0.01 (3) per share

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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 of onDerivative 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	\$ 55.07	09/06/2012		M	15,000	<u>(5)</u>	09/03/2018	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Stanfill John L

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

Sr. VP-Sales, Customer Service

Signatures

/s/ Jonathan Coleman, Attorney-in-Fact

09/06/2012

**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) Represents all shares of Common Stock owned, consisting of 22,122 shares of Common Stock and 43,101 shares of Common Stock subject to unvested Restricted Stock Grants.
- (2) Represents all shares of Common Stock owned, consisting of 37,122 shares of Common Stock and 43,101 shares of Common Stock subject to unvested Restricted Stock Grants.
- (3) Average based on sales prices ranging from \$81.34 to \$82.56.

Reporting Owners 2

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- (4) Represents all shares of Common Stock owned, consisting of 2,592 shares of Common Stock and 43,101 shares of Common Stock subject to unvested Restricted Stock Grants.
- (5) The option vested in three equal installments on September 4, 2009, September 4, 2010 and September 4, 2011.

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.