Kitchen Jennifer Form 4 June 01, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Other (specify

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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 * Kitchen Jennifer

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(City)

(First) (Middle) COSTAR GROUP INC [CSGP] 3. Date of Earliest Transaction

below)

(Check all applicable) Director 10% Owner

Sr. Vice President, Research

C/O COSTAR GROUP, INC., 2 BETHESDA METRO CENTER, 10TH FLOOR

(Street) 4. If Amendment, Date Original

(Zip)

6. Individual or Joint/Group Filing(Check

X_ Officer (give title

Filed(Month/Day/Year)

(Month/Day/Year)

05/28/2010

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

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

BETHESDA, MD 20814-5388

(State)

| | | 1 401 | or 1- Non-Derivative Securities Acquired, Disposed 61, 61 Beneficiary Owned | | | | | | ly Owncu |
|---|---------------------|--------------------|---|---------------------|-----------|--------------|------------------|--------------|--------------|
| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Securi | ties A | cquired | 5. Amount of | 6. Ownership | 7. Nature of |
| Security | (Month/Day/Year) | Execution Date, if | Transaction(A) or Disposed of (D) | | | Securities | Form: Direct | Indirect | |
| (Instr. 3) | | any | Code | (Instr. 3, 4 and 5) | | Beneficially | (D) or | Beneficial | |
| | | (Month/Day/Year) | (Instr. 8) | | | | Owned | Indirect (I) | Ownership |
| | | ` , | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | | | | Reported | · · · | · · |
| | | | | | (A) | | Transaction(s) | | |
| | | | Code V | Amount | or (D) | Price | (Instr. 3 and 4) | | |
| Common | | | | | | | | | |
| Stock, par value \$0.01 per share | 05/28/2010 | | F | 33 | D | \$ 40.77 | 13,783 (1) | D | |
| per snare | | | | | | | | | |

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 | | 4. T | 5. | 6. Date Exerc | | 7. Title | | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|------------|------------|---------------|------------|----------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transacti | orNumber | Expiration D | ate | Amou | nt of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securi | ties | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | | Own |
| | Security | | | | Acquired | | | | | | Follo |
| | | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | · · |
| | | | | | 4, and 5) | | | | | | |
| | | | | | ., | | | | | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date | Evaluation | | or | | |
| | | | | | | | Expiration | Title | Number | | |
| | | | | | | Exercisable | Date | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

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Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|--|---------------|-----------|------------------------------------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| Kitchen Jennifer C/O COSTAR GROUP, INC. 2 BETHESDA METRO CENTER, 10TH FLOOR BETHESDA, MD 20814-5388 | | | Sr. Vice President, Research | | | |

Signatures

/s/ Jonathan Coleman, Attorney-in-Fact 06/01/2010

**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) Represents all shares of Common Stock owned, consisting of 3,040 shares of Common Stock and 10,743 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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