Radecki Brian J Form 4 June 01, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

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

obligations

Check this box

SECURITIES 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 * Radecki Brian J

2. Issuer Name and Ticker or Trading Symbol

COSTAR GROUP INC [CSGP]

5. Relationship of Reporting Person(s) to Issuer

(Last)

(City)

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

10% Owner

(Check all applicable)

Chief Financial Officer

C/O COSTAR GROUP, INC., 1331

(Street)

(State)

L STREET, NW

Director X_ Officer (give title below)

Other (specify below)

05/28/2011

(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

4. If Amendment, Date Original

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

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

(A)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common Stock, par

value \$0.01 per share

05/28/2011

F 66

35,148 (1)

D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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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. | 5. | 6. Date Exer | | 7. Title | | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|-----------------------|-------------------------|--------------------------------|------------|----------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | TransactionNumber | | Expiration D | ate Amou | | nt of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security | Secur |
| (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 (A) or | | | | | | Follo |
| | | | | | | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, 4, and 5) | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date Expir Exercisable Date | Expiration | | or | | |
| | | | | | | | * | Title | Number | | |
| | | | | | | | Date | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

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

Chief Financial Officer

Signatures

/s/ Jonathan Coleman, Attorney-in-Fact

06/01/2011

**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).
- Represents all shares of Common Stock owned, consisting of 14,390 shares of Common Stock and 20,758 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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