

CHYMIAK KENNETH A
 Form 4
 February 24, 2012

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 CHYMIAK KENNETH A

2. Issuer Name and Ticker or Trading Symbol
 ADDVANTAGE TECHNOLOGIES GROUP INC [AEY]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 1221 EAST HOUSTON STREET
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/23/2012

Director 10% Owner
 Officer (give title below) Other (specify below)
 President and CEO

BROKEN ARROW, OK 74012

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V Amount (D) Price | | | |
| Common Stock | 02/23/2012 | | M | 1,000 A \$ 0.81 | 18,694 | D | |
| Common Stock ⁽¹⁾ | | | | | 76,024.75 | I | By Chymiak Investment LLC |
| Common Stock ⁽²⁾ | | | | | 76,024.75 | I | By spouse's ownership in Chymiak Investment LLC |
| | | | | | 250,000 | I | |

| | | | | | | |
|-----------------------------|--|-----------|---|--|--|--------------------------------|
| Common Stock | | | | | | By Ken Chymiak Revocable Trust |
| Common Stock ⁽³⁾ | | 1,796,000 | I | | | By spouse's Revocable Trust |

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

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(9-02)

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. Transaction Code (Instr. 8) | 5. Number of 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 Security (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Non-Qualified Stock Option (right to buy) | \$ 0.81 | 02/23/2012 | | M | 1,000 | 03/05/2002 03/05/2012 | Common Stock | 1,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------------|-------|
| | Director | 10% Owner | Officer | Other |
| CHYMIAK KENNETH A 1221 EAST HOUSTON STREET BROKEN ARROW, OK 74012 | X | X | President and CEO | |

Signatures

/s/ Kenneth A. Chymiak
02/24/2012

**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) Kenneth Chymiak holds a 25% ownership in Chymiak Investment LLC.
- (2) Spouse, Susan C. Chymiak, holds a 25% ownership interest in Chymiak Investment LLC. These shares are indirectly owned by Kenneth Chymiak as spouse.
- (3) Beneficial ownership of spouse's shares is disclaimed.

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

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