

AUTOMATIC DATA PROCESSING INC

Form 5

August 10, 2007

FORM 5

OMB APPROVAL

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

OMB Number: 3235-0362
Expires: January 31, 2005
Estimated average burden hours per response... 1.0

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *
Anenen Steven

2. Issuer Name and Ticker or Trading Symbol
AUTOMATIC DATA PROCESSING INC [ADP]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
06/30/2007

Director 10% Owner
 Officer (give title below) Other (specify below)
Corporate Vice President

1950 HASSELL ROAD, SUITE 1000

(Street)

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

6. Individual or Joint/Group Reporting

(check applicable line)

HOFFMAN ESTATES, IL 60195-2308

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock	06/30/2007	Â	I	39.92 A \$ 0	35,994.96	D	Â
Common Stock	06/30/2007	Â	I	553 A \$ 0	36,547.96	D	Â
Common Stock	06/30/2007	Â	J ⁽¹⁾	51 A \$ 0	36,598.96	D	Â

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

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SEC 2270
(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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. of D Se B O E Is F (I
						Date Exercisable (A) (D)	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Anenen Steven 1950 HASSELL ROAD SUITE 1000 HOFFMAN ESTATES, IL 60195-2308	Â	Â	Â Corporate Vice President	Â

Signatures

By: James B. Benson (POA on file) 08/10/2007

__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) The number of shares were adjusted by the Adjustment Fraction (i.e., 1.0975), as calculated pursuant to ADP's March 30, 2007 tax-free spin-off of Broadridge Financial Solutions, Inc. to its stockholders.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.