Plisinski Michael P Form 4 September 27, 2005

FORM 4

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

OMB APPROVAL OMB

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

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Check this box

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

SECURITIES

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 Plisinski Michael P Issuer Symbol AUGUST TECHNOLOGY CORP (Check all applicable) [AUGT] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) 4900 WEST 78TH STREET 09/26/2005 VP of Engineering (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

BLOOMINGTON, MN 55435

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficiall	y 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) iomr Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Transaction(s) (Instr. 4) (Instr. 3 and 4)		(Instr. 4)	
Common Stock	09/26/2005		S(1)	200	D	\$ 12.17	187,386	D	
Common Stock	09/26/2005		S <u>(1)</u>	2,510	D	\$ 12.18	184,876	D	
Common Stock	09/26/2005		S(1)	800	D	\$ 12.19	184,076	D	
Common Stock	09/26/2005		S(1)	90	D	\$ 12.1933	183,986	D	
Common Stock	09/26/2005		S(1)	400	D	\$ 12.2	183,586	D	

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Common Stock	09/26/2005	S <u>(1)</u>	400	D	\$ 12.21	183,186	D
Common Stock	09/26/2005	S <u>(1)</u>	2,000	D	\$ 12.22	181,186	D
Common Stock	09/26/2005	S <u>(1)</u>	1,725	D	\$ 12.23	179,461	D
Common Stock	09/26/2005	S <u>(1)</u>	875	D	\$ 12.24	178,586	D
Common Stock	09/26/2005	S <u>(1)</u>	625	D	\$ 12.25	178,961	D
Common Stock	09/26/2005	S <u>(1)</u>	100	D	\$ 12.26	177,861	D
Common Stock	09/26/2005	S <u>(1)</u>	175	D	\$ 12.28	177,686	D
Common Stock	09/27/2005	S <u>(1)</u>	300	D	\$ 12.13	177,386	D
Common Stock	09/27/2005	S <u>(1)</u>	100	D	\$ 12.16	177,286	D
Common Stock	09/27/2005	S <u>(1)</u>	200	D	\$ 12.18	177,086	D
Common Stock	09/27/2005	S <u>(1)</u>	500	D	\$ 12.19	176,586	D
Common Stock	09/27/2005	S <u>(1)</u>	400	D	\$ 12.2	176,186	D
Common Stock	09/27/2005	S <u>(1)</u>	100	D	\$ 12.21	176,086	D
Common Stock	09/27/2005	S <u>(1)</u>	200	D	\$ 12.22	175,886	D
Common Stock	09/27/2005	S(1)	300	D	\$ 12.23	175,586	D

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

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SEC 1474 (9-02)

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	3A. Deemed	4.	5.	6. Date Exercisable and
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onNumber	Expiration Date
Security	or Exercise		any	Code	of	(Month/Day/Year)
(Instr. 3)	Price of		(Month/Dav/Year)	(Instr. 8)	Derivative	

7. Title and Amount of 8. Pri Underlying Securities (Instr. 3 and 4)

Deriv Secu (Instr

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	Derivative Security			Acq (A) Disp of (I	osed				
		Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 7.1					(2)	08/01/2010	Common Stock	40,000
Stock Option (right to buy)	\$ 18.45					02/06/2004	02/06/2014	Common Stock	1,737
Stock Option (right to buy)	\$ 7.62					02/19/2005	10/22/2014	Common Stock	1,208
Stock Option (right to buy)	\$ 10.38					(3)	12/30/2014	Common Stock	3,158
Stock Option (right to buy)	\$ 10.38					<u>(4)</u>	12/30/2014	Common Stock	6,842
Stock Option (right to buy)	\$ 12.1					03/07/2005	03/07/2015	Common Stock	1,915
Stock Option (right to buy)	\$ 12.1					03/07/2005	03/07/2015	Common Stock	1,140
Stock Option (right to buy)	\$ 11.8					<u>(5)</u>	04/29/2015	Common Stock	35,000
Stock Option (right to buy)	\$ 12.74					07/21/2005	07/21/2015	Common Stock	965

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Plisinski Michael P 4900 WEST 78TH STREET BLOOMINGTON, MN 55435

VP of Engineering

Signatures

Robert K. Ranum as Agent for Michael P. Plisinski pursuant to Power of Attorney previously filed

09/27/2005

**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) Sale effected pursuant to Rule 10b5-1 trading plan adopted by reporting person on August 30, 2005.
- (2) Original option (40,000 shares) exercisable in five annual increments of 8,000 shares beginning August 1, 2004.
- (3) Original option (3,158 shares) exercisable: 1,074 shares on December 30, 2004 and 1,042 shares on December 30, 2005 and December 30, 2006.
- (4) Original option (6,842 shares) exercisable: 2,327 shares on December 30, 2004; 2,258 shares on December 30, 2005 and 2,257 shares on December 30, 2006.
- (5) Original option (35,000 shares) exercisable: 11,900 shares on April 29, 2005 and 11,550 shares on April 29, 2006 and April 29, 2007.

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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