

Pentinga Fokko
Form 4
December 10, 2010

FORM 4

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

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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
Pentinga Fokko

(Last) (First) (Middle)

TEMPRESS SYSTEMS,
B.V., RADEWEG 31

(Street)

VAASSEN, P7 8171 MD

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol

AMTECH SYSTEMS INC [asys]

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

12/10/2010

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
X Officer (give title below) ____ Other (specify
below) below)

President

6. Individual or Joint/Group Filing(Check
Applicable Line)
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

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)
Amtech Systems, Inc. \$.01 par value common stock	12/10/2010		M	1,875	A \$ 6.9	27,500	D
Amtech Systems, Inc. \$.01 par value common stock	12/10/2010		M	250	A \$ 7	27,750	D

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Amtech Systems, Inc. \$.01 par value common stock	12/10/2010	M	9,375	A	\$ 14.79	37,125	D
Amtech Systems, Inc. \$.01 par value common stock	12/10/2010	S	11,500	D	\$ 25.03	25,625	D
Amtech Systems, Inc. \$.01 par value common stock	12/10/2010	S	1,875	D	\$ 25.01	23,750	D

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 Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Amtech Systems, Inc. Employee Stock Option	\$ 6.9	12/10/2010		M	1,875	12/08/2007 12/08/2016	Amtech Systems, Inc. \$.01 par value common stock 1,875
Amtech Systems,	\$ 7	12/10/2010		M	250	01/30/2008 01/30/2017	Amtech Systems, 250

Inc. \$.01
par value
common
stock

Amtech
Systems,

Inc. \$.01
par value
common
stock

9.375

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Pentinga Fokko TEMPRESS SYSTEMS, B.V. RADEWEG 31 VAASSEN, P7 8171 MD			President	

Signatures

12/10/2010

****Signature of Reporting Person**

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) Price omitted because the transaction is a grant of a stock option.
- (2) This is the number of derivative securities, with the same terms and conditions, following the reported transaction.
- (3) This is the number of derivative securities, with the same terms and conditions, following the reported transaction. Total of all derivative securities, with different terms and conditions, held following the reported transaction is 61,875.

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.