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

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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 or Section 30(h) of the Investment Company Act of 1940

e Responses)																
1. Name and Address of Reporting Person* FIRESTONE LAWRENCE				2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [ASYS]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) (First) (Middle) C/O APPLIED FILMS CORP, 9586 I-25 FRONTAGE ROAD			3. Date of Earliest Transaction (Month/Day/Year) 10/27/2005									fficer (give ti	tle below)	Other	(specify below	
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)							_X_ For	6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by More Reporting Person Form filed by More than One Reporting Person				
(City) (State) (Zip)				Table I - Non-Derivative Securities Acqui							Acquired, D	ired. Disposed of, or Beneficially Owned				
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye		Date	Execution any		n Date, if	3. Co	Transaction de	4. (A	-		d 5. Amo Owned Transac	nount of Securities Beneficiand Following Reported section(s)		ficially	Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership Instr. 4)
							Code	V A			rice					
1. Title of Derivative Security 2. 3. Transaction Date Execution Date, if on Exercise (Month/Day/Year)		(e.g., puts, calls, wa 4. 5. Numb Transaction of Code Derivativ (Instr. 8) Securitie Acquired (A) or Disposed of (D)		ber ive ies ed	currently valid OMB controls. See Acquired, Disposed of, or Beneficial Trants, options, convertible securities) or 6. Date Exercisable and Expiration Date (Month/Day/Year)			ally Owned 7. Title and of Underly Securities	7. Title and Amount of Underlying Securities Se		9. Number of Derivative Securities Beneficially Owned Following Reported	r of 10. Ownersl Form of Derivati Security Direct (1 or Indire on(s) (I)	(Instr. 4)			
					and 5)							Amount				
			Code	v	(A)	(D)	Date Exercisab	le	Expira	ation Date	Title	Number of Shares				
	Address of INE LAWF NE LAWF LIED FILM GE ROAD ONT, CO 8 curity curity 2. Conversion or Exercise Price of Derivative	Address of Reporting Person* NE LAWRENCE (First) LIED FILMS CORP, 9586 GE ROAD (Street) ONT, CO 80504 (State) curity Accurity 2. Conversion or Exercise Price of Derivative (Month/Day/Year)	Address of Reporting Person* INE LAWRENCE (First) (Middle) LIED FILMS CORP, 9586 I-25 GE ROAD (Street) ONT, CO 80504 (State) (Zip) Execurity 2. Transaction Date (Month/Day/Year) Table II 2. Conversion or Exercise Price of Derivative (Month/Day/Year)	Address of Reporting Person 2. Issu AMTE AMTE AMTE AMTE AMTE AMTE AMTE AMTE	Address of Reporting Person AMTECH AMTECH (First) (Middle) (LIED FILMS CORP, 9586 I-25 GE ROAD (Street) 4. If Amend ONT, CO 80504 (State) (Zip) (curity 2. Transaction Date (Month/Day/Year) Execution any (Month/E Table II - Derivative (e.g., puts any (Month/Day/Year)) 2. 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Date of Earliest Transaction (Month/Day/Year) 10/27/2005 Table II - Non-Derivative Securities Securities beneficially owned directly or indirectly. Persons who re this form are no currently valid to the control of Date (Month/Day/Year) Code (Month/Day/Year) AMTECH SYSTEMS INC [ASYS] 3. Date of Earliest Transaction (Month/Day/Year) 10/27/2005 Table I - Non-Derivative Securities	Address of Reporting Person 2 NE LAWRENCE OF Code V Amount (A) or Disposed of (Instr. 3, 4 and 5) Leport on a separate line for each class of securities beneficially owned directly or indirectly. Table II - Derivative Securities Acquired currently valid OMB control or Exercise of Derivative Security Address of Reporting Person 2 (Middle) (Middle) (Middle) (Street) 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) Table I - Non-Derivative Securities Acquired (A) or Disposed of (Instr. 3, 4 and 5) Code V Amount (A) or Persons who respond to this form are not require currently valid OMB control of Code (B, Cap. puts, calls, warrants, options, convertible securities and Code (Instr. 8) Table II - Derivative Securities Acquired (B, Cap. puts, calls, warrants, options, convertible securities and Code (Cap. puts, calls, warrants, options, convertible securities and Code (Cap. puts, calls, warrants, options, convertible securities (Cap. puts, calls, warrants, options, convertible securities (Code (Cap. puts)) Conversion or Exercise (Month/Day/Year) Address of Reporting Person (Month/Day/Year) Amtech System Inc (Month/Day/Year) A Deemed Execution Date, if Transaction of Code (Cap. puts) Conversion or Exercise (Month/Day/Year) A Deemed Execution Date, if Transaction of Code (Cap. puts) Conversion or Exercise (Month/Day/Year) A Deemed Execution Date, if Transaction of Code (Cap. puts) Conversion or Exercise (Month/Day/Year) A Deemed Execution Date, if Transaction of Code (Cap. puts) Conversion or Exercise (Month/Day/Year) Conversion or Exercise (Month/Day/Year) Conversion or Exercise (Cap. puts) Code (Cap. puts	Address of Reporting Person 2 Second Description Person 2	Address of Reporting Person* NE LAWRENCE O(First) (Middle) (Street) O(Street) O(NT, CO 80504 ATECH SYSTEMS INC [ASYS] 3. 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Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [ASYS] 5. Relationship of Reporting (Check NET CHECK) 2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [ASYS] 3. Date of Earliest Transaction (Month/Day/Year) 0. Officer (give title below) 0. Officer (give title below	Address of Reporting Person	Address of Reporting Persons AMTECH SYSTEMS INC [ASYS] S. Relationship of Reporting Person(s) to Issuer (Check all applicable) NE LAWRENCE AMTECH SYSTEMS INC [ASYS] S. Relationship of Reporting Person(s) to Issuer (Check all applicable) NE LAWRENCE S. Date of Earliest Transaction (Month/Day/Year) 10/27/2005 10/27/2005 10/27/2005 10/27/2005 10/27/2005

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
FIRESTONE LAWRENCE C/O APPLIED FILMS CORP 9586 I-25 FRONTAGE ROAD LONGMONT, CO 80504	X					

Signatures

Robert T. Hass on behalf of Lawrence D. Firestone by power of attorney	11/16/2005
**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) Option to purchase Amtech Systems, Inc. \$.01 par value common stock.
- (2) One-third of the stock option granted vest on each of the first three anniversaries of the grant date.
- (3) Any unexercised stock options expire 90 days after membership on the Board of Directors terminates, except that the expiration is one year from the date of termination if such termination is the result of death, or the Board of Directors in its discretion sets another expiration at the time of termination.

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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints Robert T. Hass, the undersigned's true and lawful attorney-infact, with full power and authority as hereinafter described on behalf of and in the name, place and stead of the undersigned to:

- 1. execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Amtech Systems, Inc., an Arizona corporation (the "Company"), Forms 3, 4, and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;
- 2. do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- 3. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorney-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 2rd day of November, 2005.

Signature: /s/ Larry D. Firestone

STATE OF COLORADO)
) SS.
COUNTY OF BOULDER)

On November 2, 2005, before me, /s/ Kristy L. Hawkins, a Notary Public, personally appeared Larry D. Firestone, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal. /s/ Kristy L. Hawkins Notary Public

NOTORARY SEAL