ADTRAN INC Form 4 May 30, 2007

FORM 4

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB**

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Washington, D.C. 20549

Form 5 obligations may continue. See Instruction

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * FREDRICKSON ROBERT A			2. Issuer Name and Ticker or Trading Symbol ADTRAN INC [ADTN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(encen un appricaere)		
			(Month/Day/Year)	Director 10% Owner		
901 EXPLORER BLVD.			05/29/2007	X Officer (give title Other (specify below)		
				Vice President		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Cho		
			Filed(Month/Day/Year)	Applicable Line)		
HUNTSVILL	E, AL 3580	5		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit ord Dispos (Instr. 3, 4)	ed of (` ′	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)
Common Stock	05/29/2007		M	11,498	A	\$ 8.695	19,498	D	
Common Stock	05/29/2007		S	11,498	D	\$ 26.255	8,000	D	
Common Stock							2,000	I	by Daughter

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

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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. Transactio Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Numbe of Shar
Incentive Stock Option (right to buy)	\$ 8.7	05/29/2007		M	11,498	07/12/2001(2)	07/12/2010	Common Stock	11,49

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

FREDRICKSON ROBERT A 901 EXPLORER BLVD. HUNTSVILLE, AL 35806

Vice President

Signatures

By: Cathy Bartels For: Robert A. Fredrickson

05/30/2007

**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) This transaction occured in the Joint Account with Daughter, Stacie Fredrickson.
- (2) The option vests as follows: 1 share on 7/12/2003; 5,748 shares on 7/12/2004.

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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