FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL	
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3235-0287 OMB Number: Estimated average burden 0.5 hours per response:

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

						or Sec	tion 30(h)	of the	e Investmen	t Cor	npany Act	of 1940							
1. Name and Address of Reporting Person*						2. Issuer Name and Ticker or Trading Symbol ADHEREX TECHNOLOGIES INC AMEX:ADH									ationship of k all applica Director	on(s) to Issu			
(Last) (First) (Middle) 4620 CREEKSTONE DRIVE, SUITE 200					3.	3. Date of Earliest Transaction (Month/Day/Year) 04/30/2007									Officer (give title Other (spe below) below)				
(Street) DURHAM NC 27703					4.	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting					
(City) (State) (Zip)															Person				
Table I - Non-Deriv 1. Title of Security (Instr. 3) 2. Trans Date (Month/It				sacti	on	2A. Deemed Execution Date,		3. Transa Code (3. 4. Secu Transaction Code (Instr.		of, or Beneficia urities Acquired (A) or sed Of (D) (Instr. 3, 4 an			or 5. Amount of		Form:	Direct Indirect E	7. Nature of ndirect Beneficial Ownership	
								Code	e V Amount		(A) or (D)		rice Reported Transacti (Instr. 3 a		on(s) ad 4)			(Instr. 4)	
Common	Stock														35,591		D		
Common Stock															1,327,819			I I	By Bymer, inc.
			Table II -						quired, D s, option						wned			,	-
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Da if any (Month/Day/Y	te, Tr	ansaction		5. Number of 6. Derivative Ex		6. Date Exe	5. Date Exercisabl Expiration Date (Month/Day/Year)		ole and 7. Title and Amore of Securities		unt 8. Price of Derivativ		9. Number derivative Securitie Beneficia Owned Following Reported	e Own s Forn ally Direct or In g (I) (Ir	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Co	ode	v	(A)	(D)	Date Exercisable		expiration Date	Title	Amour or Number of Sha	er		Transaction(s) (Instr. 4)			
Stock Options (Right to buy)	\$0.28								02/28/200	7 (2/28/2014	Common Stock	50,0	00		50,000		D	
Stock Options (Right to buy)	\$1.2								05/18/200	6 (5/18/2012	Common Stock	18,6	21		18,621		D	
Stock Options (Right to buy)	\$1.2								09/21/200	6 (9/21/2012	Common Stock	30,0	00		30,000		D	
Stock Options (Right to buy)	\$1.7								11/22/200	3 (5/03/2010	Common Stock	7,80	00		7,800		D	
Stock Options (Right to buy)	\$2.9								05/21/200	4	05/21/2011	Common Stock	4,00	00		4,000	0	D	
Stock Options (Right to buy)	\$3.25								03/01/200	5 ()3/01/2011	Common Stock	18,6	21		18,62	21	D	
Stock Options (Right to buy)	\$0.63	04/30/2007			A		230,000		04/30/2007	(1)	14/30/2014	Common Stock	230,0	000	\$0	230,000		D	
Warrants (Right to buy)	\$2.15								12/19/200	3 1	2/19/2008	Common Stock	23,0	78		23,07	78	D	
Warrants (Right to	\$3.585								05/30/200	3 1	1/20/2007	Common Stock	76,3	84		76,38	34	I	By Bymer, Inc.

Explanation of Responses:

D. Scott Murray, Attorney-in-

** Signature of Reporting Person

05/02/2007

Date

^{1.} The options to which this note relates are subject to vesting in three (3) installments with one-third vesting immediately and the remaining shares vesting on the first and second anniversary of the Grant Date reported above.

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.