

FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
OMB Number:	3235-0362
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- Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
- Form 3 Holdings Reported.
- Form 4 Transactions Reported.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>KINGSLEY ALFRED D</u> (Last) (First) (Middle) <u>150 E. 57TH STREET</u> (Street) <u>NEW YORK NY 10022</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>BIOTIME INC [BTIM]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <u>12/31/2009</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Shares, no par value	12/15/2009 ⁽¹⁾		G	18,000	D	(1)	4,935,432 ⁽²⁾	D	
Common Shares, no par value							2,066,185	I	By Greenbelt Corp.
Common Shares, no par value							550,287	I	By Greenway Partners, LP

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date					
Warrant to Purchase Common Shares	\$2						01/21/2004	10/31/2010	Common Shares	822,632	822,632	D	
Warrant to Purchase Common Shares	\$2						12/21/2005	10/31/2010	Common Shares	1,448,057	1,448,057	D	
Warrant to Purchase Common Shares	\$2						08/20/2009	10/31/2010	Common Shares	7,500	7,500	D	
Option to Purchase Common Shares	\$2.3						(3)	07/01/2014	Common Shares	50,000	50,000	D	
Warrant to Purchase Common Shares	\$2						01/21/2004	10/31/2010	Common Shares	72,604	72,604	I	By Greenbelt Corp.
Warrant to Purchase Common Shares	\$2						12/21/2005	10/31/2010	Common Shares	262,028	262,028	I	By Greenbelt Corp.
Warrant to Purchase Common Shares	\$2						08/20/2009	10/31/2010	Common Shares	3,000	3,000	I	By Greenbelt Corp.

**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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Warrant to Purchase Common Shares	\$2						(4)	10/31/2010	Common Shares	347,580		347,580	I	By Greenway Partners, LP
Warrant to Purchase Common Shares	\$2						08/20/2009	10/31/2010	Common Shares	6,125		6,125	I	By Greenway Partners, LP

Explanation of Responses:

1. During December 2009, Mr. Kingsley gifted a total of 18,000 shares.
2. Does not include shares that Mr. Kingsley may acquire through the exercise of warrants and options.
3. 12,500 options became exercisable on September 30, 2009; 12,500 options became exercisable on December 31, 2009; and the remaining 25,000 options will become exercisable in 2 equal quarterly installments based upon continued service on the board of directors.
4. Exercisable on issuance.

Remarks:

/s/ Alfred D. Kingsley 02/15/2010

** Signature of Reporting Person Date

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.