

ALIGN TECHNOLOGY INC  
Form 4  
February 24, 2010

**FORM 4**

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

OMB APPROVAL

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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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
LARKIN C RAYMOND JR

2. Issuer Name and Ticker or Trading Symbol  
ALIGN TECHNOLOGY INC  
[ALGN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

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

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

C/O MALLINCKRODT INC, 7733 FORSYTH BLVD

02/19/2010

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

ST LOUIS, MO 63105

(City) (State) (Zip)

**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 Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	02/20/2010	02/20/2010	C	A	\$ 0	29,660	D

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

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SEC 1474  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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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 Security (Instr. 3 and 4)
Right to Buy (Common Stock)	\$ 17.94	02/19/2010	02/19/2010	A	5,000	02/19/2011 <sup>(1)</sup> 02/19/2020	Common Stock 5,
Restricted Stock Unit	\$ 0.0001 <sup>(2)</sup>	02/19/2010	02/19/2010	A	5,000	<sup>(3)</sup> <sup>(3)</sup>	Common Stock 5,
Restricted Stock Unit	\$ 0.0001 <sup>(2)</sup>	02/20/2010	02/20/2010	C	5,000	<sup>(4)</sup> 02/20/2010	Common Stock 5,

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LARKIN C RAYMOND JR C/O MALLINCKRODT INC 7733 FORSYTH BLVD ST LOUIS, MO 63105	X			

## Signatures

Roger E. George, Atty-in-Fact for Raymond Larkin  
Date: 02/24/2010

\_\_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) 100% of the shares subject to the option shall become vested and exercisable one year after the date of grant.
- (2) Represents par value of ALGN common stock
- (3) 100% of the restricted stock unit will vest one year after the date of grant and shares will be delivered to reporting person on such date.
- (4) 100% of the restricted stock unit granted on February 20, 2009 became vested on February 20, 2010 and shares were delivered to reporting person on February 22, 2010.

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.