ALIGN TECHNOLOGY INC

Form 4

February 22, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

if no longer subject to Section 16. Form 4 or

Check this box

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

(Print or Type Responses)

1(b).

(Last)

(City)

(Instr. 3)

1. Name and Address of Reporting Person *

LARKIN C RAYMOND JR

2. Issuer Name and Ticker or Trading

Symbol

ALIGN TECHNOLOGY INC

[ALGN]

(Month/Day/Year) 02/20/2007

3. Date of Earliest Transaction

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

X_ Director 10% Owner Officer (give title Other (specify

C/O MALLINCKRODT INC, 7733 FORSYTH BLVD

(First)

(Street)

(Middle)

(Zip)

4. If Amendment, Date 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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

below)

ST LOUIS, MO 63105

1. Title of 2. Transaction Date 2A. Deemed Security

(State)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed

5. Number of (Month/Day/Year) Execution Date, if TransactiorDerivative

(A)

or

6. Date Exercisable and **Expiration Date**

7. Title and Amount Underlying Securiti

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year	·)	(Instr. 3 and	4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Right to buy (Common Stock)	\$ 17.88	02/20/2007	02/20/2007	A	15,000	02/20/2008(1)	02/20/2017	Common Stock	15,0
Restricted Stock Unit	\$ 0.0001	02/20/2007	02/20/2007	A	5,000	02/20/2008(2)	(2)	Common Stock	5,00

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 C. Raymond
Larkin Jr.

02/22/2007

**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) 100% of the shares subject to the option shall become vested and exercisable one year after the date of grant.
- (2) 100% of the shares subject to the unit shall become vested one year after the date of grant. Vested shares will be delivered to the reporting person after the vest date.
- (3) Represents the par value of the ALGN Common Stock.

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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