

Twomey Richard M.L.  
Form 4  
July 24, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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**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 \*  
Twomey Richard M.L.

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)  
07/20/2012

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

VP, International

C/O ALIGN TECHNOLOGY INC., 2560 ORCHARD PARKWAY

(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

SAN JOSE, CA 95131

(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) |                               |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--------|---|--|-----------------------------------|-------------------------------|
|                                 |                                      |  |                                | Code  | V | Amount |   |  |                                   | (A) or (D)                    |
| Common Stock                    | 07/20/2012                           | 07/20/2012   | C                              |   |   | 7,500  | \$ 0  | 7,500  | D                                 | Indirect Beneficial Ownership |
| Common Stock                    | 07/20/2012                           | 07/20/2012   | F                              |   |   | 2,695  | \$ 34.18  | 4,805  | D                                 | Indirect Beneficial Ownership |
| Common Stock                    | 07/24/2012                           | 07/24/2012   | M                              |   |   | 5,625  | \$ 14.27  | 10,430   | D                                 | Indirect Beneficial Ownership |
| Common Stock                    | 07/24/2012                           | 07/24/2012   | M                              |   |   | 782    | \$ 20.79  | 11,212   | D                                 | Indirect Beneficial Ownership |
| Common Stock                    | 07/24/2012                           | 07/24/2012   | S                              |   |   | 11,212 | \$ 33.004   | 0  | D                                 | Indirect Beneficial Ownership |

(1)

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)

| 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 (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 Securities (Instr. 3 and 4) |                            |
|--|--|--------------------------------------|--|--------------------------------|--|--|-----------------|---|----------------------------|
|  |  |                                      |  | Code                           | V (A) (D)  | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |
| Restricted Stock Unit                      | \$ 0.0001<br>(2)                                       | 07/20/2012                           | 07/20/2012   | C                              | 7,500  | (3)  | (3)             | Common Stock  | 7,500                      |
| Right to Buy (Common Stock)                | \$ 14.27   | 07/24/2012                           | 07/24/2012   | M                              | 5,625  | 07/20/2011   | 07/20/2018      | Common Stock  | 5,625                      |
| Right to Buy (Common Stock)                | \$ 20.79   | 07/24/2012                           | 07/24/2012   | M                              | 782  | 02/18/2012   | 02/18/2018      | Common Stock  | 782                        |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                      |       |
|--|---------------|-----------|----------------------|-------|
|  | Director      | 10% Owner | Officer              | Other |
| Twomey Richard M.L.<br>C/O ALIGN TECHNOLOGY INC.<br>2560 ORCHARD PARKWAY<br>SAN JOSE, CA 95131 |               |           | VP,<br>International |       |

## Signatures

Roger E. George, Atty-in-Fact for Richard Twomey  
07/24/2012

\_\_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).

- The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at ranging from \$33.00 to \$33.04, inclusive. The reporting person undertakes to provide Align Technology, Inc., any security holder of Align Technology, Inc. or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- (1) Represents par value of ALGN common stock
  - (2) 1/4th of the restricted stock unit granted on July 12,2010 became vested on July 20, 2012 and shares were delivered to reporting person on such vest date. The restricted stock unit will continue to vest annually.
  - (3)

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

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