

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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).

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>Twomey Richard M.L.</u>			2. Issuer Name and Ticker or Trading Symbol <u>ALIGN TECHNOLOGY INC [ ALGN ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner <input type="checkbox"/> Officer (give title below) Other (specify below) <u>VP, International</u>			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>02/18/2012</u>			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			
C/O ALIGN TECHNOLOGY INC. 2560 ORCHARD PARKWAY			4. If Amendment, Date of Original Filed (Month/Day/Year)						
(Street)	(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/18/2012	02/18/2012	C		2,000	A	\$0.00	2,000	D	
Common Stock	02/18/2012	02/18/2012	F		734	D	\$27.22	1,266	D	
Common Stock	02/21/2012	02/12/2012	M		5,750	A	\$14.27	7,016	D	
Common Stock	02/21/2012	02/21/2012	S		5,750	D	\$26.8307 <sup>(1)</sup>	1,266	D	

**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)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Unit	\$0.0001 <sup>(2)</sup>	02/18/2012	02/18/2012	C		2,000		(3)	(3)	Common Stock	2,000	\$0.00	4,000	D	
Right to Buy (Common Stock)	\$14.27	02/21/2012	02/21/2012	M		5,750		07/12/2011	07/12/2017	Common Stock	5,750	\$0	84,250	D	
Restricted Stock Unit	\$0.0001 <sup>(2)</sup>	02/20/2012	02/20/2012	A		16,500		(4)	(4)	Common Stock	16,500	\$0.00	16,500	D	
Market Stock Unit	\$0.0001 <sup>(2)</sup>	02/20/2012	02/20/2012	A		24,750 <sup>(5)</sup>		(6)	(6)	Common Stock	24,750 <sup>(5)</sup>	\$0.00	24,750 <sup>(5)</sup>	D	

**Explanation of Responses:**

- The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$26.58 to \$27.03, 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.
- Represents par value of ALGN common stock.
- 1/4th of the restricted stock unit granted on February 18, 2011 became vested on February 18, 2012 and shares were delivered to reporting person on February 21, 2012. The restricted stock unit will continue to vest annually and shares will be delivered to reporting person on each vest date.
- 1/4th of the restricted stock unit will become vested one year after the date of grant and 1/4th of the restricted stock unit will vest annually thereafter. Shares will be delivered to reporting person on each vest date.
- Represents the maximum number of shares which may be issued under the market stock unit. The actual number of shares to be issued on the vest date will depend on the Issuer's stock price performance as compared to the NASDAQ Composite Index Performance calculated as of the vest date.
- 100% of the shares which may be issued under the market stock unit will vest on the last day of the third year of the Performance Period (as defined in the market stock unit agreement).

/s/ Roger E. George Atty-In-Fact 02/22/2012  
for Richard Twomey

\*\* 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.