

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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> (Last) (First) (Middle) <u>C/O ALIGN TECHNOLOGY INC.</u> <u>881 MARTIN AVE.</u> (Street) <u>SANTA CLARA CA</u> <u>95050</u> (City) (State) (Zip)	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) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP, International</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/18/2011</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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			

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 ⁽¹⁾	02/18/2011	02/18/2011	A		6,000		(2)	(4)	Common Stock	6,000	\$0.00	6,000	D	
Market Stock Unit	\$0.0001 ⁽¹⁾	02/18/2011	02/18/2011	A		9,000 ⁽³⁾		(4)	(4)	Common Stock	9,000 ⁽³⁾	\$0.00	9,000 ⁽³⁾	D	
Right to Buy (Common Stock)	\$20.79	02/18/2011	02/18/2011	A		12,500		02/18/2012 ⁽⁵⁾	02/18/2018	Common Stock	12,500	\$0.00	12,500	D	

Explanation of Responses:

- Represents par value of ALGN common stock
- 1/3rd of the restricted stock unit will become vested one year after the date of grant and 1/3rd 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 each vest date will depend on the Issuer's stock price performance as compared to the NASDAQ Composite Index performance calculated as of each vesting date.
- 50% of the shares which may be issued under the market stock unit will vest on the last day of the second year of the Performance Period (as defined in the market stock unit agreement) and 50% of the shares which may be issued under the market stock unit will vest on the last day of the Performance Period.
- 1/4th of the shares subject to the option shall become vested and exercisable one year after the date of grant and 1/48th of the shares subject to the option will become vested and exercisable each month thereafter.

/s/ Roger E. George Atty-In-Fact for Richard Twomey 02/22/2011

** 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.