

SECURITIES & EXCHANGE COMMISSION  
Washington, D.C. 20549  
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SCHEDULE 13G  
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED  
PURSUANT TO 13d-2(b)

(Amendment No. )\*

Align Technology, Inc.  
(Name of Issuer)

Common Stock, \$0.0001 par value per share  
(Title of Class of Securities)

016255101  
(CUSIP Number)

February 19, 2008  
(Date of event which requires filing of this statement)

Check the appropriate box to designate the rule pursuant to which this  
Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

(Page 1 of 14 Pages)

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\*The remainder of this cover page shall be filled out for a reporting  
person's initial filing on this form with respect to the subject class of  
securities, and for any subsequent amendment containing information which would  
alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be  
deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act  
of 1934 ("Act") or otherwise subject to the liabilities of that section of the  
Act but shall be subject to all other provisions of the Act (however, see the  
Notes).

CUSIP No. 016255101

13G

Page 2 of 14 Pages

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(1) NAMES OF REPORTING PERSONS  
HealthCor Management, L.P.

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
20-2893581

-----  
(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

-----  
(3) SEC USE ONLY

-----  
(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

-----  
NUMBER OF (5) SOLE VOTING POWER  
SHARES 0  
-----

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 4,000,000  
-----  
EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0  
-----  
PERSON WITH (8) SHARED DISPOSITIVE POWER  
4,000,000  
-----  
(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
4,000,000  
-----  
(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\* [ ]  
-----  
(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.78%  
-----  
(12) TYPE OF REPORTING PERSON \*\*  
PN  
-----

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS  
HealthCor Associates, LLC

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
20-2891849

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 4,000,000

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
4,000,000

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
4,000,000

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.78%

(12) TYPE OF REPORTING PERSON \*\*  
00 - limited liability company

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS  
HealthCor Offshore, Ltd.

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)  [X]  
(b)  [ ]

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Cayman Islands

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 2,631,485

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
2,631,485

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
2,631,485

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

[ ]

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
3.80%

(12) TYPE OF REPORTING PERSON \*\*  
00 - limited company

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS  
HealthCor Hybrid Offshore, Ltd.

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Cayman Islands

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 612,284

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
612,284

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
612,284

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
.89%

(12) TYPE OF REPORTING PERSON \*\*  
00 - limited company

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS  
HealthCor Group, LLC

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
51-0551771

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 756,231

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
756,231

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
756,231

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
1.10%

(12) TYPE OF REPORTING PERSON \*\*  
00 - limited liability company

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS  
HealthCor Capital, L.P.

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
51-0551770

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 756,231

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
756,231

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
756,231

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
1.10%

(12) TYPE OF REPORTING PERSON \*\*  
PN

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS  
HealthCor, L.P.

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
20-3240266

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 756,231

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
756,231

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
756,231

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
1.10%

(12) TYPE OF REPORTING PERSON \*\*  
PN

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!



(1) NAMES OF REPORTING PERSONS  
Arthur Cohen

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 4,000,000

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
4,000,000

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
4,000,000

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.78%

(12) TYPE OF REPORTING PERSON \*\*  
IN

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

(1) NAMES OF REPORTING PERSONS  
Joseph Healey

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\*

(a)   
(b)

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

NUMBER OF (5) SOLE VOTING POWER  
SHARES 0

BENEFICIALLY (6) SHARED VOTING POWER  
OWNED BY 4,000,000

EACH (7) SOLE DISPOSITIVE POWER  
REPORTING 0

PERSON WITH (8) SHARED DISPOSITIVE POWER  
4,000,000

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED  
BY EACH REPORTING PERSON  
4,000,000

(10) CHECK BOX IF THE AGGREGATE AMOUNT  
IN ROW (9) EXCLUDES CERTAIN SHARES \*\*

(11) PERCENT OF CLASS REPRESENTED  
BY AMOUNT IN ROW (9)  
5.78%

(12) TYPE OF REPORTING PERSON \*\*  
IN

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

Item 1(a). Name of Issuer:

Align Technology, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:

851 Martin Avenue  
Santa Clara, CA 95050

Item 2(a, b, c). Name of Person Filing:

- (i) HealthCor Management, L.P., a Delaware limited partnership; Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019;
- (ii) HealthCor Associates, LLC, a Delaware limited liability company, Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019;
- (iii) HealthCor Offshore, Ltd., a Cayman Islands limited company, Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019;
- (iv) HealthCor Hybrid Offshore, Ltd., a Cayman Islands limited company, Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019;
- (v) HealthCor Group, LLC, a Delaware limited liability company, Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019;
- (vi) HealthCor Capital, L.P., a Delaware limited partnership, Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019;
- (vii) HealthCor, L.P., a Delaware limited partnership, Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019;
- (viii) Joseph Healey; Carnegie Hall Tower, 152 West 57th Street, 47th Floor, New York, New York 10019; and
- (ix) Arthur Cohen, 12 South Main Street, #203 Norwalk, Ct 06854. Both Mr. Healey and Mr. Cohen are United States citizens.

The persons at (i) through (ix) above are collectively referred to herein as the "Reporting Persons".

Item 2(d). Title of Class of Securities: common stock, par value \$0.0001 per share (the "Common Stock")

Item 2(e). CUSIP Number: 016255101

Item 3. Not applicable.

## Item 4. Ownership.

The information required by Items 4(a) - (c) is set forth in Rows 5 - 11 of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person.

Collectively, HealthCor, L.P., Healthcore Offshore, Ltd. and HealthCor Hybrid Offshore, Ltd. (each a "Fund" and together, the "Funds") are the beneficial owners of a total of 4,000,000 shares of the Common Stock of the Issuer. By virtue of its position as the investment manager of the Funds, HealthCor Management, L.P. may be deemed a beneficial owner of all the shares of Common Stock owned by the Funds. HealthCor Associates, LLC is the general partner of HealthCor Management, L.P. and thus may also be deemed to beneficially own the shares of Common Stock that are beneficially owned by the Funds.

HealthCor Group LLC is the general partner of HealthCor Capital, L.P., which is in turn the general partner of HealthCor, L.P. Accordingly, each of HealthCor Capital L.P. and HealthCor Group, LLC may be deemed to beneficially own the shares of Common Stock that are beneficially owned by HealthCor, L.P.

As the Managers of HealthCor Associates, LLC, Arthur Cohen and Joseph Healey exercise both voting and investment power with respect to the shares of Common Stock reported herein, and therefore each may be deemed a beneficial owner of such Common Stock.

Each of the Reporting Persons hereby disclaims any beneficial ownership of any such Shares in excess of their actual pecuniary interest therein.

## Item 5. Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [ ].

Item 6. Ownership of More than Five Percent on Behalf of Another Person.  
Not ApplicableItem 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.  
Not ApplicableItem 8. Identification and Classification of Members of the Group.  
Not ApplicableItem 9. Notice of Dissolution of Group.  
Not Applicable

## Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATED: February 28, 2008

HEALTHCOR MANAGEMENT, L.P., for itself and as manager on behalf of (i) HEALTHCOR OFFSHORE, LTD. and (ii) HEALTHCOR HYBRID OFFSHORE, LTD.

By: HealthCor Associates, LLC, its general partner

By: /s/ Steven J. Musumeci
-----
Name: Steven J. Musumeci
Title: Chief Operating Officer

HEALTHCOR CAPITAL L.P., for itself and as manager on behalf of HEALTHCOR L.P.

By: HealthCor Group, LLC, its general partner

By: /s/ Steven J. Musumeci
-----
Name: Steven J. Musumeci
Title: Chief Operating Officer

HEALTHCOR ASSOCIATES, LLC

By: /s/ Steven J. Musumeci
-----
Name: Steven J. Musumeci
Title: Chief Operating Officer

HEALTHCOR GROUP, LLC

By: /s/ Steven J. Musumeci
-----
Name: Steven J. Musumeci
Title: Chief Operating Officer

/s/ Joseph Healey
-----
JOSEPH HEALEY, Individually

/s/ Arthur Cohen
-----
ARTHUR COHEN, Individually