ARADIGM CORP Form SC 13G/A February 18, 2004

OMB APPROVAL

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 4)

Aradigm Corp. (Name of Issuer)

Common Shares (Title of Class of Securities)

038505103 (CUSIP Number)

December 31, 2003 (Date of Event Which Requires Filing of this Statement)

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

/_X_/ Rule 13d-1(b)

* 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 disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose 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).

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 control number.

SEC 1745 (3-98)

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NAME OF REPORTING PERSONS
IRS IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

| | RS Investment Manageme | ent Co. | LLC | |
|-------|---|-----------------------|-----------------------------|---------------|
| 2 | (a) / / (b) / / | | A MEMBER OF A GROUP (See In | structions) |
| 3 | SEC USE ONLY | | | |
| 4 | CITIZENSHIP OR PLACE (| | IZATION | |
| | Delaware | | | |
| | NUMBER OF 5 SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | SOLE VOTING POWER -0- | | |
| | | 6 | | |
| | | 7 | SOLE DISPOSITIVE POWER | |
| | | 8 | SHARED DISPOSITIVE POWER | |
| 9 | -0- | FICIALLY | OWNED BY EACH REPORTING PE | RSON |
| | | | IN ROW (9) EXCLUDES CERTAI | N SHARES (See |
| 11 | PERCENT OF CLASS REPRE | ESENTED : | | |
| | TYPE OF REPORTING PERSOO, HC | SON (See | | |
| | | | | |
| CUSIP | No. 038505103 | · | | |
| 1 | NAME OF REPORTING PERS | | | |
| | RS Investment Manageme | | | |
| | CHECK THE APPROPRIATE (a)/ / (b)/ / | BOX IF | A MEMBER OF A GROUP (See In | structions) |
| 3 | SEC USE ONLY | | | |
| | CITIZENSHIP OR PLACE O | | IZATION | |
| | California | | | |
| | NUMBER OF 5 SHARES | SOLE | VOTING POWER -0- | |

| | BENEFICIALLY OWNED BY EACH | 6 | SHARED VOTING POWER | | | |
|-------------|----------------------------------|--|------------------------------|---------------|--|--|
| | REPORTING PERSON WITH | 7 | -0- | | | |
| | | 8 | SHARED DISPOSITIVE POWER -0- | | | |
| 9 | AGGREGATE AMOUNT BEN | IEFICIALLY | OWNED BY EACH REPORTING PER | RSON | | |
| 10 | | | IN ROW (9) EXCLUDES CERTAIN | N SHARES (See | | |
| | PERCENT OF CLASS REP | | | | | |
| 12 | TYPE OF REPORTING PEPN, IA | RSON (See | Instructions) | | | |
| CUSIP | No. 038505103 | | 13G | Page 4 of 12 | | |
| 1 | | RSONS | OVE PERSONS (ENTITIES ONLY) | | | |
| | RS Diversified Growt | | | | | |
| 2 | (a) / / (b) / / | E BOX IF A | A MEMBER OF A GROUP (See Ins | structions) | | |
| 3 | SEC USE ONLY | | | | | |
| 4 | CITIZENSHIP OR PLACE | OF ORGAN | ZATION | | | |
| | Massachusetts | | | | | |
| | NUMBER OF 5 SHARES | | /OTING POWER | | | |
| | BENEFICIALLY OWNED BY EACH | 6 | SHARED VOTING POWER | | | |
| | REPORTING PERSON WITH | 7 | SOLE DISPOSITIVE POWER | | | |
| | | 8 | SHARED DISPOSITIVE POWER | | | |
| 9 | AGGREGATE AMOUNT BEN | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON -0- | | | | |
| 10 Instr | CHECK IF THE AGGREGA | | IN ROW (9) EXCLUDES CERTAIN | N SHARES (See | | |

| CUSIP No. 1 NAI IR G. (a (b) 3 SE 4 CI US. | PE OF REPORTING PERSON O38505103 AME OF REPORTING PERSON RS IDENTIFICATION NOS. Randall Hecht HECK THE APPROPRIATE BOAN / / DO / / EC USE ONLY | NS OF ABOVE P OX IF A MEM ORGANIZATI | 13G ERSONS (ENTITIES ONLY) BER OF A GROUP (See Inc. | structions) | Page 5 of 12 | | | | | |
|---|---|--|---|---------------|--------------|--|--|--|--|--|
| 1 NAI IR G. 2 CH (a (b) 3 SE 4 CI US. | AME OF REPORTING PERSON RS IDENTIFICATION NOS. Randall Hecht HECK THE APPROPRIATE BO A) / / D) / / EC USE ONLY TTIZENSHIP OR PLACE OF | OF ABOVE P OX IF A MEM ORGANIZATI | ERSONS (ENTITIES ONLY) BER OF A GROUP (See In | structions) | Page 5 of 12 | | | | | |
| IR G. CH (a (b) 3 SE 4 CI US BE | RS IDENTIFICATION NOS. Randall Hecht HECK THE APPROPRIATE BOAN / / DO / / EC USE ONLY TIZENSHIP OR PLACE OF | OF ABOVE P OX IF A MEM ORGANIZATI | BER OF A GROUP (See In: | structions) | | | | | | |
| 2 CH (a (b) 3 SE 4 CI US. | HECK THE APPROPRIATE BOAD / / / / / / / / / / / / / / / / / / / | OX IF A MEM | BER OF A GROUP (See In | structions) | | | | | | |
| (a (b) 3 SE 4 CI US. | HECK THE APPROPRIATE BOAD ADDITION OF THE STATE | OX IF A MEM | BER OF A GROUP (See In | structions) | | | | | | |
| 4 CI US. | TIZENSHIP OR PLACE OF | | ON | | | | | | | |
| US. | SA | | ON | | | | | | | |
| BE: | | | | | | | | | | |
| BE: | | | | USA | | | | | | |
| | SHARES | -0 | G POWER | | | | | | | |
| | ENEFICIALLY OWNED BY EACH | | ARED VOTING POWER | | | | | | | |
| R. | REPORTING PERSON WITH | 7 SO -0 | | | | | | | | |
| | | 8 SH. | ARED DISPOSITIVE POWER - | | - | | | | | |
| | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON -0- | | | | | | | | | |
| 10 CH | | AMOUNT IN R | OW (9) EXCLUDES CERTAIN | N SHARES (See | | | | | | |
| 0. | 0.0% | | | | | | | | | |
| 12 TY | YPE OF REPORTING PERSON | | | | | | | | | |
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(a) The name of the issuer is Aradigm Corp. (the "Issuer").

(b) The principal executive office of the Issuer is located at: 3929 POINT EDEN WAY, HAYWARD, CA 94545.

ITEM 2.

- (a-c) See Annex I for information on the persons filing this statement (collectively, the "Filers")
- (d) This statement relates to shares of common stock of the Issuer (the "Stock").
 - (e) The CUSIP number of the Stock is 038505103.

company.

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- ITEM 3. If this statement is filed pursuant to rule 240.13d-1 (b) or 240.13d-2 (b) or (c), check whether the person filing is a:
- (a) ___ Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).
- (b) ___ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) ___ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) $_{\rm X}^{\rm X}_{\rm -}$ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8). *RS Diversified Growth Fund is a registered investment
- (e) _X*_ An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E). *RS Investment Management, L.P. is a registered investment adviser.
- (f) ___ An employee benefit plan or endowment fund in accordance with 240.13d-1 (b) (1) (ii) (F).
- (g) _X*_ A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G).

*RS Investment Management Co. LLC is the general partner of RS Investment Management, L.P. G. Randall Hecht is a control person of RS Investment Management Co. LLC and RS Investment Management, L.P.

- (h) $_$ A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) ___ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).
 - (j) ___ Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

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ITEM 4. OWNERSHIP

See Items 5-9 and 11 on the cover page for each Filer.

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 /x/.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

RS Investment Management Co. LLC is the parent company of registered investment advisers whose clients have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Stock. No individual client's, except for the RS Diversified Growth Fund, are more than five percent of the outstanding Stock.

RS Investment Management, L.P. is a registered investment adviser and the investment adviser to RS Diversified Growth Fund, a registered investment company. RS Investment Management Co. LLC is the General Partner of RS Investment Management, L.P. G. Randall Hecht is a control person of RS Investment Management Co. LLC and RS Investment Management, L.P.

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ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

Not applicable.

ITEM 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 acquired and are held in the ordinary course of business and 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 14, 2004

RS INVESTMENT MANAGEMENT CO. LLC
By: /s/ G. Randall Hecht
G. Randall Hecht

Chief Executive Officer

RS INVESTMENT MANAGEMENT, L.P.

By: /s/ G. Randall Hecht G. Randall Hecht

Chief Executive Officer

RS DIVERSIFIED GROWTH FUND

By: RS Investment Management, L.P.

Investment Adviser

By: /s/ G. Randall Hecht
G. Randall Hecht

Chief Executive Officer

/s/ G. Randall Hecht G. Randall Hecht

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EXHIBIT A

JOINT FILING AGREEMENT

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(f)(1). Each of them is responsible for the timely filing of the Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is accurate.

Dated: February 14, 2004

RS INVESTMENT MANAGEMENT CO. LLC

By: /s/ G. Randall Hecht G. Randall Hecht

Chief Executive Officer

RS INVESTMENT MANAGEMENT, L.P.

By: /s/ G. Randall Hecht

G. Randall Hecht

Chief Executive Officer

RS DIVERSIFIED GROWTH FUND

By: RS Investment Management, L.P.

Investment Adviser

By: /s/ G. Randall Hecht

G. Randall Hecht

Chief Executive Officer

/s/ G. Randall Hecht

G. Randall Hecht

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Annex I

The filers are:

- RS Investment Management Co. LLC, is a Delaware Limited Liability Company.
- (b) holding company
- RS Investment Management, L.P. is a California Limited (a) Partnership
- (b) registered investment adviser
- RS Diversified Growth Fund is a series of a Mass. Business Trust. investment company (a)
 - (b)
- (a) G. Randall Hecht is a control person of RS Investment Management Co. LLC and RS Investment Management, L.P.
 - (b) individual