

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G
(RULE 13d-102)

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

(AMENDMENT NO. __) (1)

DISCOVERY PARTNERS INTERNATIONAL, INC.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

254675-10-1

(CUSIP Number)

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)

(1) 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).

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1 NAME OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

CROSSPOINT VENTURE PARTNERS 1996, L.P., A CALIFORNIA
LIMITED PARTNERSHIP (TAX ID NUMBER: 77-0418388)

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / / (b) /X/

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

CALIFORNIA LIMITED PARTNERSHIP

| | | | |
|---|---|--------------------------|-----------|
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 5 | SOLE VOTING POWER | 0 |
| | 6 | SHARED VOTING POWER | 1,134,680 |
| | 7 | SOLE DISPOSITIVE POWER | 0 |
| | 8 | SHARED DISPOSITIVE POWER | 1,134,680 |
| 9 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | | 1,134,680 |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* | | / / |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 | | 4.8% |
| 12 | TYPE OF REPORTING PERSON* | | PN |

*SEE INSTRUCTIONS BEFORE FILLING OUT!

| | | | |
|---|--|--|-----------|
| 1 | NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS | | |
| | CROSSPOINT ASSOCIATES 1996, L.L.C., A CALIFORNIA LIMITED LIABILITY COMPANY (TAX ID NUMBER: 77-0418392) | | |
| 2 | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* | (a) / / | (b) /X/ |
| 3 | SEC USE ONLY | | |
| 4 | CITIZENSHIP OR PLACE OF ORGANIZATION | | |
| | A CALIFORNIA LIMITED LIABILITY COMPANY | | |
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 5 | SOLE VOTING POWER | 0 |
| | 6 | SHARED VOTING POWER 1,145,680 shares held directly by Crosspoint Venture Partners 1996, L.P. Crosspoint Associates 1996, L.L.C. is the general partner of Crosspoint Venture Partners 1996, L.P. | |
| | 7 | SOLE DISPOSITIVE POWER | 0 |
| | 8 | SHARED DISPOSITIVE POWER 1,145,680 shares held directly by Crosspoint Venture Partners 1996, L.P. Crosspoint Associates 1996, L.L.C. is the general partner of Crosspoint Venture Partners 1996, L.P. | |
| 9 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | | 1,145,680 |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* | | / / |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 | | 4.8% |
| 12 | TYPE OF REPORTING PERSON* | | PN |

*SEE INSTRUCTIONS BEFORE FILLING OUT!

1 NAME OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

CROSSPOINT VENTURE PARTNERS LS 1997, L.P., A DELAWARE
LIMITED PARTNERSHIP (TAX ID NUMBER: 77-0468510)

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A
GROUP* (a) / / (b) /X/

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

DELAWARE LIMITED PARTNERSHIP

| | | | |
|--|---|--------------------------|---------|
| NUMBER OF SHARES | 5 | SOLE VOTING POWER | 0 |
| BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 6 | SHARED VOTING POWER | 728,333 |
| | 7 | SOLE DISPOSITIVE POWER | 0 |
| | 8 | SHARED DISPOSITIVE POWER | 728,333 |

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING
PERSON 728,333

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

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 3.1%

12 TYPE OF REPORTING PERSON* PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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1 NAME OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

CROSSPOINT ASSOCIATES 1997, L.L.C., A DELAWARE LIMITED
LIABILITY COMPANY (TAX ID NUMBER: 77-0468508)

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A
GROUP* (a) / / (b) /X/

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

DELAWARE LIMITED PARTNERSHIP

| | | | |
|--|---|--|---|
| | 5 | SOLE VOTING POWER | 0 |
| NUMBER OF SHARES | 6 | SHARED VOTING POWER | |
| BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | | 728,333 shares held directly by Crosspoint Venture Partners LS 1997, L.P. Crosspoint Associates 1997, L.L.C. is the general partner of Crosspoint Venture Partners LS 1997, L.P. | |
| | 7 | SOLE DISPOSITIVE POWER | 0 |
| | 8 | SHARED DISPOSITIVE POWER | |
| | | 728,333 shares held directly by Crosspoint Venture Partners LS 1997, L.P. Crosspoint Associates 1997, L.L.C. is the general partner of Crosspoint Venture Partners LS 1997, L.P. | |

| | | |
|----|---|---------|
| 9 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | 728,333 |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* | / / |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 | 3.1% |
| 12 | TYPE OF REPORTING PERSON* | PN |

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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| | |
|---|--|
| 1 | NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS DON MILDER |
| 2 | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / / (b) /X/ |
| 3 | SEC USE ONLY |
| 4 | CITIZENSHIP OR PLACE OF ORGANIZATION UNITED STATES |

| | |
|---|------------------------|
| 5 | SOLE VOTING POWER 0 |
|---|------------------------|

| | |
|---|--|
| 6 | SHARED VOTING POWER 1,874,013 shares of which 1,145,680 are directly held by Crosspoint Venture Partners 1996 and 728,333 shares are directly held by Crosspoint Venture Partners LS 1997. Don Milder is a general partner of Crosspoint Associates 1996 and Crosspoint Associates 1997. Don Milder disclaims beneficial ownership of the shares held directly by Crosspoint Venture Partners 1996 and Crosspoint Venture Partners LS 1997. |
|---|--|

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

| | |
|---|-----------------------------|
| 7 | SOLE DISPOSITIVE POWER 0 |
|---|-----------------------------|

| | |
|---|---|
| 8 | SHARED DISPOSITIVE POWER 1,874,013 shares of which 1,145,680 are directly held by Crosspoint Venture Partners 1996 and 728,333 shares are directly held by Crosspoint Venture Partners LS 1997. Don Milder is a general partner of Crosspoint Associates 1996 and Crosspoint Associates 1997. Don Milder disclaims beneficial ownership of the shares held directly by Crosspoint Venture Partners 1996 and Crosspoint Venture Partners LS 1997. |
|---|---|

| | | |
|----|---|-----------|
| 9 | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | 1,874,013 |
| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* | / / |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 | 7.9% |
| 12 | TYPE OF REPORTING PERSON* | IN |

*SEE INSTRUCTIONS BEFORE FILLING OUT!

ITEM 1 (a) NAME OF ISSUER:
Discovery Partners International, Inc.

ITEM 1 (b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:
9640 Town Centre Drive, San Diego, CA 92121

ITEM 2 (a)-(c) NAME OF PERSON FILING:
This statement is being filed by Crosspoint Associates 1996, L.L.C. , a California limited liability company, and Crosspoint Associates 1997, L.L.C., a Delaware limited liability company, whose principal business address is 2925 Woodside Road, Woodside, CA 94062. Don Milder, a general partner of Crosspoint Associates 1996, L.L.C., and Crosspoint Associates 1997, L.L.C., whose principal business address 2925 Woodside Road, Woodside, CA 94062, is a United States citizen. Crosspoint Associates 1996, L.L.C., is general partner Crosspoint Venture Partners 1996, L.P., a California limited partnership and Crosspoint Associates 1997, L.L.C., is a general partner to Crosspoint Venture Partners LS 1997, a Delaware limited partnership.

ITEM 2 (d) TITLE OF CLASS OF SECURITIES:
Common Stock

ITEM 2 (e) CUSIP NUMBER:
254675-10-1

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13d-1(b) OR 13d-2(b), CHECK WHETHER THE PERSON FILING IS A:
Not Applicable

ITEM 4. OWNERSHIP.
Crosspoint Venture Partners 1996 - 4.8%
Crosspoint Venture Partners LS 1997 - 3.1%

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.
Not Applicable

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.
Not Applicable

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.

Not Applicable

SIGNATURES

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.

Date: February 13, 2001

DON MILDER

CROSSPOINT ASSOCIATES 1996, L.L.C., A CALIFORNIA LIMITED LIABILITY COMPANY

Signature: /s/ Don Milder

Don Milder

Signature: /s/ Don Milder

Don Milder, a General Partner

CROSSPOINT VENTURE PARTNERS 1996, L.P., A CALIFORNIA LIMITED PARTNERSHIP
By: Crosspoint Associates 1996, L.L.C., its General Partner

Signature: /s/ Don Milder

Don Milder, a General Partner

CROSSPOINT ASSOCIATES 1997, L.L.C., A DELAWARE LIMITED LIABILITY COMPANY

Signature: /s/ Don Milder

Don Milder, a General Partner

CROSSPOINT VENTURE PARTNERS LS 1997, L.P., A DELAWARE LIMITED PARTNERSHIP
By: Crosspoint Associates 1997, L.L.C., its General Partner

Signature: /s/ Don Milder

Don Milder, a General Partner

EXHIBIT A

AGREEMENT OF JOINT FILING

The undersigned hereby agree that they are filing jointly pursuant to Rule 13d-1 of the Act the statement dated February 13, 2001, containing the information required by Schedule 13G, for the Shares of Discovery Partners International, Inc., held by Crosspoint Venture Partners 1996, a California limited partnership, and Crosspoint Venture Partners LS 1997, a Delaware limited partnership, and with respect to the general partner, such other holdings as may be reported therein.

Date: February 13, 2001

DON MILDER

CROSSPOINT ASSOCIATES 1996

Signature: /s/ Don Milder

Don Milder

Signature: /s/ Don Milder

Don Milder, a General Partner

CROSSPOINT VENTURE PARTNERS 1996

By: Crosspoint Associates 1996, its general partner

Signature: /s/ Don Milder

Don Milder, a General Partner

CROSSPOINT ASSOCIATES 1997

Signature: /s/ Don Milder

Don Milder, a General Partner

CROSSPOINT VENTURE PARTNERS LS 1997

By Crosspoint Associates 1997, its general partner

Signature: /s/ Don Milder

Don Milder, a General Partner