

02-06-2003



102358724

Box Assignment

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231Attorney Docket Number  
9046-002

Please record the attached original documents or copy thereof.

2.3.03

1. Name of conveying party(ies):

SpectruMedix LLC

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment☐ Merger☒ Security Agreement☐ Change of  
Name☐ Other \_\_\_\_\_Execution Date: March 29, 2002

2. Name and address of receiving party(ies):

Name: I. Reich Family Limited PartnershipAddress: 162 West 94th Street  
New York, NY 10025

Country (if other than USA): \_\_\_\_\_

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application Nos. See Attachment AB. Patent Nos. See Attachment BAdditional numbers attached? ☒ Yes ☐ No

09413355

5. Name and address of party to whom  
correspondence concerning document should be  
mailed:**PENNIE & EDMONDS LLP**  
1667 K Street, N.W.  
Washington, D.C. 200066. Number of applications  
and patents involved: 217. Total fee (37 CFR 3.41):.....\$ 840.00  
Please charge to the deposit account listed in Section 8.8. Deposit account number:  
16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*B. Gary Zhang

47,331

For Victor N. Balancia  
Name of Person Signing31,231  
Reg. No.

Signature

February 3, 2003  
Date

Total number of pages including cover sheet:

12

02/05/2003 ECDOPER 00000099 161150

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Documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignment  
Washington, D.C. 20231PATENT  
REEL: 013718 FRAME: 0236  
DC1 - 339792.1

## **Attachment A**

### **Application No.**

**09/413,355**

**09/577,479**

**09/676,526**

**09/757,632**

**09/843,918**

**09/849,239**

**09/874,331**

**10/011,977**

**60/329,739**

DC1 - 339184.1

**Attachment B**

**U.S. Patent No.**

**5,885,430**

**5,916,428**

**5,998,796**

**6,027,627**

**6,063,251**

**6,118,127**

**6,217,731**

**6,241,949**

**6,352,633**

**6,364,516**

**6,365,024**

**6,375,819**

DC1 - 339184.1

## SECURITY AGREEMENT FOR PATENT RIGHTS

WHEREAS, **SPECTRUMEDIX LLC**, a limited liability company formed under the laws of Delaware, located at 2124 Old Gatesburg Road, State College, Pennsylvania 16803 (“Borrower”), owns the patents and patent applications shown in the attached Schedule A (the “Patents”), and

WHEREAS, Borrower is obligated to **I. REICH FAMILY LIMITED PARTNERSHIP** (the “Lender”) pursuant to (i) a certain Loan Agreement, dated the date hereof, between Lender and Borrower and (ii) a certain Patent Collateral Security Agreement, dated the date hereof, made by Borrower in favor of Lender (as each may be amended, modified, restated or supplemented from time to time, collectively, the “Agreements”); and

WHEREAS, pursuant to the Agreements, Borrower is granting to Lender a security interest in the Patents, all proceeds thereof, all rights corresponding thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof, and the recordings and applications therefore.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Borrower does hereby grant to Lender a security interest in and to the Patents, and recordings and applications therefor, which shall secure all the Obligations as defined in the Agreements and in accordance with the terms and provisions thereof.

Borrower expressly acknowledges and affirms that the rights and remedies of Lender with respect to the security interest granted hereby are more fully set forth in the Agreements.

Dated: New York, New York  
As of March 29, 2002

Witness:

Kate Mitchell

Witness:

Kate Mitchell

**SPECTRUMEDIX LLC**

By: Ilan Reich

Name: Ilan Reich

Its: Manager

**I. REICH FAMILY LIMITED  
PARTNERSHIP**

By: I. REICH FAMILY CORPORATION

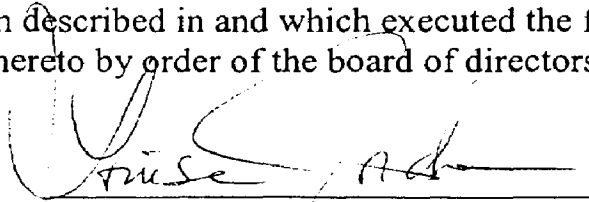
By: Ilan Reich

Name: Ilan Reich

Its: President

STATE OF NEW YORK     )  
                                      : SS.:  
COUNTY OF NEW YORK    )

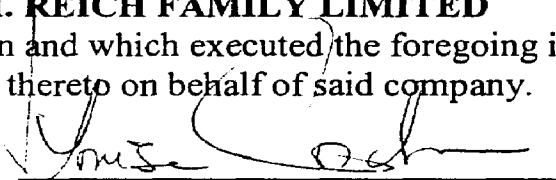
On this 29th day of March, 2002, before me personally came Ilan Reich, to me known, who, being by me duly sworn, did depose and say that he is the Manager of **SPECTRUMEDIX LLC**, the corporation described in and which executed the foregoing instrument; and that he signed his name thereto by order of the board of directors of said corporation.

  
Notary Public

STATE OF NEW YORK     )  
                                      : SS.:  
COUNTY OF NEW YORK    )

LOUISE JORDAN  
Notary Public, State of New York  
No. 01JO5083725  
Qualified in Westchester County  
Certificate Filed in New York County  
Commission Expires August 18, 2005

On this 29th day of March, 2002, before me personally came Ilan Reich, to me known, who, being by me duly sworn, did depose and say that he is the President of I. Reich Family Corporation, the general partner of **I. REICH FAMILY LIMITED PARTNERSHIP**, the company described in and which executed the foregoing instrument; and that he was authorized to sign his name thereto on behalf of said company.

  
Notary Public

LOUISE JORDAN  
Notary Public, State of New York  
No. 01JO5083725  
Qualified in Westchester County  
Certificate Filed in New York County  
Commission Expires August 18, 2005

## SCHEDULE A

Schedule A to a Patent Assignment of Security dated March 29, 2002, by and between SPECTRUMEDIX LLC and I. REICH FAMILY LIMITED PARTNERSHIP, as Lender.

### **Issued United States Patents**

Reference No.	U.S. Patent No.	Filing Date	Issue Date
9046-003-999	5,885,430	October 4, 1996	March 23, 1999
9046-007-999	6,063,251	May 30, 1997	May 16, 2000
9046-009-999	6,027,627	June 29, 1998	February 22, 2000
9046-012-999	5,998,796	May 26, 1998	December 7, 1999
9046-015-999	5,916,428	June 7, 1998	June 29, 1999
9046-024-999	6,217,731	October 21, 1998	April 17, 2001
9046-027-999	6,352,633	August 31, 1999	March 5, 2002
9046-028-999	6,365,024	August 11, 1999	April 2, 2002
9046-030-999	6,241,949	August 17, 1999	June 5, 2001
9046-031-999	6,364,516	August 24, 1999	April 2, 2002
9046-033-999	6,118,127	November 29, 1999	September 12, 2000

# Pending United States Patent Applications

Reference No.	U.S. Application No.	Filing Date
9046-022-999	09/843,918	April 30, 2001
9046-029-999	09/373,909	August 13, 1999
9046-032-999	09/413,355	October 6, 1999
9046-034-999	09/676,526	October 2, 2000
9046-035-999	09/577,479	May 25, 2000
9046-037-999	09/757,632	January 11, 2001
9046-044-999	09/874,331	June 6, 2001
9046-050-999	09/849,239	May 7, 2001
9046-053-888	60/329,739	October 18, 2001
9046-054-999	10/011,977	December 11, 2001



# Pending and Completed Patent Cooperation Treaty Applications

Reference No.	PCT Application No.	Filing Date	Priority Date
9046-007-228	US97/17792	October 3, 1997	October 4, 1996
9046-009-228	US98/13667	June 30, 1998	June 30, 1997
9046-012-228	US98/27259	December 22, 1998	December 22, 1997
9046-022-228	US00/00793	January 12, 2000	January 12, 1999
9046-024-228	US99/24657	October 21, 1999	October 21, 1998
9046-027-228	US00/23709	August 29, 2000	August 31, 1999
9046-030-228	US00/22460	August 16, 2000	August 17, 1999
9046-032-228	US00/26554	September 25, 2000	October 6, 1999
9046-034-228	US01/28281	September 10, 2001	September 11, 2000
9046-035-228	US01/16769	May 23, 2001	May 25, 2000
9046-036-228	US01/08527	March 15, 2001	March 16, 2000
9046-041-228	US01/08526	March 15, 2001	March 17, 2000
9046-042-228	US01/13336	April 25, 2001	April 25, 2000
9046-045-228	US01/23051	July 23, 2001	July 21, 2000
9046-046-228	US01/27440	September 4, 2001	September 1, 2000

9046-047-228	US01/31665	October 10, 2001	October 11, 2000
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# Pending Foreign Applications

Reference No.	Application No.	Filing Date (of PCT)
9046-007-227	97945453.5 (EP)	October 3, 1997
9046-009-001	2,295,227 (CA)	June 30, 1998
9046-009-012	12-500540 (JP)	June 30, 1998
9046-009-227	98933038.6 (EP)	June 30, 1998
9046-012-001	2,315,812 (CA)	December 22, 1998
9046-012-012	12-525746 (JP)	December 22, 1998
9046-012-227	98964854.8 (EP)	December 22, 1998
9046-022-001	2,358,480 (CA)	January 12, 2000
9046-022-012	12-593946 (JP)	January 12, 2000
9046-022-227	00904319.1 (EP)	January 12, 2000
9046-024-001	2,347,961 (CA)	October 21, 1999
9046-024-012	12-577485 (JP)	October 21, 1999
9046-024-227	99955109.6 (EP)	October 21, 1999
9046-027-001	App. No. not yet received CA national stage of PCT/US00/23709	August 29, 2000

9046-027-012	12-520093 (JP)	August 29, 2000
9046-027-227	00959564.6 (EP)	August 29, 2000
9046-034-001	App. No. not yet received CA national stage of PCT/US01/28281	September 10, 2001
9046-034-012	App. No. not yet received JP national stage of PCT/US01/28281	September 10, 2001
9046-034-227	App. No. not yet received EP national stage of PCT/US01/28281	September 10, 2001