| *   |               |  |  | A8709   |  |
|---|---------------|--|--|---|--|
| MODIFIED Form PTO-1595  | REC           |  |  | U.S. DEPARTMENT OF COMMERCE                         |  |
| (Rev. 10/02)  |               | 10   | 2724071  | U.S. Patent and Trademark Office                    |  |
| To the Director of the U.S. Pa  | tent and Trac | lemark Offic   | e: Please record the attached or                                   | iginal documents or copy thereof.                   |  |
| 1. Name of conveying party(ies):  |               |  | 2. Name and address of rec   |   |  |
| THIRUVENGADAM, Alagu P.   | 4.14          | 1-DU   | FREE STATE DIAGNO  | OSTICS, INC.  |  |
| CHANDRASEKARAN, Krish   | 9 17          | 7  | 11862 Farside Road   |   |  |
| REGANOLD, William T.  |               |  | Ellicott City, MD 21042  | _   |  |
|   |               |  |  | 07  |  |
|   |               |  |  |   |  |
|   |               |  |  | 9.<br>3.  |  |
|   |               |  |  | 85-   |  |
|   |               |  |  | 17497 U.S   |  |
| Additional name(s) of conveying party(ies) a  | ttached?      | es 🗹 No  |  | 7, -  |  |
| 3. Nature of conveyance:  |               |  |  | ·   |  |
| ☑ Assignment ☐ Merger   |               |  |  |   |  |
| ☐ Security Agreement ☐ Change   | of Name       |  |  |   |  |
|   | 011(41110     |  |  |   |  |
| Other   | 0 2004 1      | I A:1 12   |  |   |  |
| Execution Date: April 7, 2004, April 2004   | 8, 2004, and  | April 12,  | Additional name(s) & address                                       | (es) attached? □ Yes ☑ No                           |  |
| 4. Application number(s) or patent nu   | mber(s):      |  | Traditional name(0) & address                                      | (65) Minution 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |  |
| ••  |               | new annlica  | tion the execution date of the                                     | e application is: April 7, 2004, April 8,           |  |
| 2004, April 12, 2004  | mor with a r  | iew applied  | mon, the execution date of the                                     | o upplication is. Tipin 7, 2001, Tipin 0,           |  |
| A. Patent Application No.(s)  | 108236        | $\mathcal{L}\mathcal{L}\mathcal{L}\mathcal{L}\mathcal{L}\mathcal{L}\mathcal{L}\mathcal{L}\mathcal{L}\mathcal{L}$ | B. Patent No.(s)   |   |  |
| •   | 00250         | 77   |  |   |  |
| Additional numbers attached? ☐ Yes ☑ No   |               |  |  |   |  |
| 5. Name and address of party to whom  |               |  | 6. Total number of applica   |   |  |
| concerning document should be ma  |               |  |  | 1   |  |
| SUGHRUE MION, PLLC  |               |  | 7. Total fee (37 CFR 3.41)   | : \$40.00   |  |
| WASHINGTON OFFICE   |               |  | ☑ Enclosed.  |   |  |
| 23373   |               |  | ☐ Authorized to be cha   | arged to Deposit Account No. 19-4880.               |  |
| CUSTOMER NUMBER   |               |  | The USPTO is directed  | and authorized to charge all required               |  |
|   |               |  | fees, except for the Issue Fee and the Publication Fee, to Deposit |   |  |
|   |               |  |  | ase also credit any overpayments to said            |  |
| 4/16/2004 DBYRNE 00000184 10823647  | )             |  | Deposit Account.  8. Deposit Account Number                        | Arr.  |  |
|   | 1             |  | 6. Deposit Account Number  | 19-4880   |  |
| ¶1 FC:9021 40.  | .00 gp        |  | (Attach duplicate copy of  | of this page if paying by deposit account)          |  |
| 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.  |               |  |  |   |  |
| Ç   |               | mothy  | Meg  | A   |  |
| I Timothy Maige   | 4/100         | Reg. No.   | 28 241// -   | April 14, 2004                                      |  |
| J. Timothy Meigs  | //            | Acg. TNO.  | 30,241   | Date  |  |
| Total number of pages including cover sheet, attachments, and documents: 2  |               |  |  |   |  |
| Mail documents to be recorded with required cover sheet information to:   |               |  |  |   |  |
| MAIL STOP ASSIGNMENT RECORDATION SERVICES  Director of the U.S. Patent and Trademark Office                                       |               |  |  |   |  |
|   | Director      |  | Patent and Trademark Office<br>D. Box 1450                         |   |  |
| Alexandria, VA 22313-1450   |               |  |  |   |  |

**PATENT** REEL: 015218 FRAME: 0481

Docket No. A8709 For U.S. Clients

## Assignment

Whereas, we, THIRUVENGADAM, Alagu P. of 11862 Farside Road, Ellicott City, Maryland 21042, CHANDRASEKARAN, Krish of 6345 Morning Time Lane, Columbia, MD 21044, and REGENOLD, William T. of 1806 Kenway Road, Baltimore, MD 21209, respectively, hereinafter called assignors, have invented certain improvements in METHODS FOR DIAGNOSING BIPOLAR AND UNIPOLAR DISORDER and executed an application for Letters Patent of the United States of America therefor on Whereas, FREE STATE DIAGNOSTICS, INC., 11862 Farside Road, Ellicott City, MD 21042 (assignee). desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor; Now therefore, for valuable consideration, receipt whereof is hereby acknowledged. We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee. We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, , filed ) the application number and filing date of

NW, Washington, DC 20037-3213 to insert here in parentheses (Application number Confirmation number said application when known.

(Legalization not)required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 015218 FRAME: 0482

RECORDED: 04/14/2004