

09-27-2004



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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| <p>1. Name of conveying party(ies)/Execution Date(s): Raanan A. Miller (09/17/2004) and John A. Wright (09/17/2004)</p> <p>Execution Dates: <u>in parentheses after inventor name</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. Name and address of receiving party(ies)</p> <p>Name: <u>SIONEX CORPORATION</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>300 Second Avenue</u></p> <p>City: <u>Waltham</u></p> <p>State: <u>Massachusetts</u></p> <p>Country: <u>United States of America</u> Zip: <u>02451</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p> | |

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
This application

B. Patent No.(s)

Additional numbers attached? Yes No

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| <p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>John V. Bianco</u> <u>ROPES & GRAY LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: SION-P01-038</u></p> <p>Street Address: <u>One International Place</u></p> <p>City: <u>Boston</u></p> <p>State: <u>MA</u> Zip: <u>02110-2624</u></p> <p>Phone Number: <u>(617) 951-7973</u></p> <p>Fax Number: <u>(617) 951-7050</u></p> <p>Email Address: <u>jbianco@ropesgray.com</u></p> | <p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information:</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>18-1945</u> Authorized User Name <u>John V. Bianco</u></p> |
|---|---|

9. Signature.

Christopher Paul Carroll September 17, 2004

Signature Date

Christopher Paul Carroll - 55,776 Total number of pages including cover sheet, attachments, and documents: 3

Name of Person Signing

9539443.1

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 301210896 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Date: September 17, 2004 Signature: Judith A. Herrick (Judith A. Herrick)

09/24/2004 ECOOPER 00000149 181945 10943523
01 FC:0021 40.00 BA

ASSIGNMENT

WHEREAS, the Undersigned have developed certain inventions described in U.S. patent application titled:

SOLID-STATE FLOW GENERATOR AND RELATED SYSTEMS, APPLICATIONS, AND METHODS

filed herewith and having attorney docket no. SION-P01-038, and have full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Sionex Corporation, ("ASSIGNEE"), is a corporation organized and existing under the laws of the state of Delaware, having principal offices at 300 Second Avenue, Waltham, Massachusetts 02451, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefore;

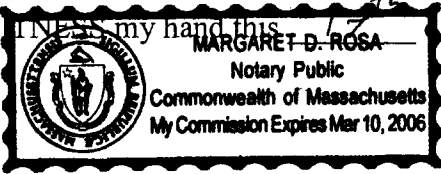
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Undersigned, the Undersigned hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, both U.S. and foreign, including any and all divisions, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND, the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agrees that the agent of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, the Undersigned further agrees to execute and deliver all lawful papers required to make any of the foregoing provisions effective; and to generally do everything reasonable to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

The undersigned hereby authorizes Ropes & Gray, LLP of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

WITNESS my hand this 17th day of SEPTEMBER, 2004.



By: Raanan A. Miller
Raanan A. Miller

State of Massachusetts)
County of Middlesex)

On this the 17th day of September, 2004, before me personally appeared **Raanan A. Miller** to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

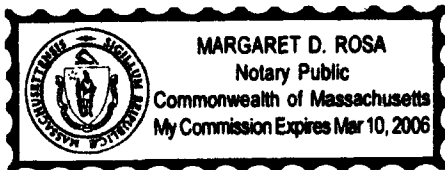
Margaret D Rosa
Notary Public

WITNESS my hand this 17th day of SEPTEMBER, 2004.

By: John A. Wright
John A. Wright

State of)
County of)

On this the 17th day of September, 2004, before me personally appeared **John A. Wright** to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.



Margaret D Rosa
Notary Public