

# RECORDATION FORM COVER SHEET PATENTS ONLY

FORM PTO-1595 U.S.  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Jerry W. Johnson, Robert J. Therrien, Andrei Vescan, and Jeffrey D. Brown**

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: **9/13/04, 9/13/04, 8/5/04, 9/13/04**

2. Name and address of receiving party(ies)

Name: **Nitronex Corporation**

Internal Address:

Street Address: **628 Hutton Street, Suite 106  
Raleigh, North Carolina 27606**

Additional name(s) & addresses(es) attached? ☐ Yes ☒ No

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 No.(s)  
B. Patent No.(s)

**10/740,376**

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: **Robert H. Walat**  
Address: **Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2206**

6. Total number of applications and patents involved: **[1]**

7. Total fee (37 CFR 3.41)

**\$ 40.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

The Commissioner is authorized to charge any  
deficiencies in the enclosed payment to:

8. Deposit Account No: **23/2825**

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.

**Robert H. Walat**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[12]**

Mail documents to be recorded with required cover sheet information to (modify as appropriate):  
Mail Stop Assignment Recordation Services

Director - U.S. Patent and Trademark Office  
PO Box 1450, Alexandria, VA 22313-1450

N0400.70032US00

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Jerry W. Johnson, 925 Tanworth Drive, Raleigh, NC 27615; Robert J. Therrien, 1466 Big Leaf Loop, Apex, NC 27502; Andrei Vescan, 2106 White Pond Court, Apex, NC 27423; and Jeffrey D. Brown, 1102 Buckingham Road, Garner, NC 27529, hereby:

1. Sell, assign and transfer to Nitronex Corporation, a North Carolina corporation having a place of business at 628 Hutton Street, Suite 106, Raleigh, North Carolina 27606, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on December 17, 2003 under Serial No. 10/740,376 bearing Attorney Docket No. N0400.70032US00, and titled GALLIUM NITRIDE MATERIAL DEVICES INCLUDING AN ELECTRODE-DEFINING LAYER AND METHODS OF FORMING THE SAME, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction and all foreign countries on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me/us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us; and
6. Appoint Kevin J. Linthicum or his successor as Vice President of Nitronex Corporation, 628 Hutton Street, Suite 106, Raleigh, North Carolina 27606, our attorney(s)-in-fact to execute in our name and behalf any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

- 2 -

This instrument is executed under seal.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Jerry W. Johnson

Address: 925 Tamworth Drive  
Raleigh, NC 27615

Citizenship: United States of America

STATE/Commonwealth of \_\_\_\_\_ :

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_, proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

- 3 -

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Robert J. Therrien

Address: 1466 Big Leaf Loop  
Apex, NC 27502

Citizenship: United States of America

STATE/Commonwealth of \_\_\_\_\_ :

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_, proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

- 4 -

5. August 2004  
Date

Andrei Vescan  
Inventor: Andrei Vescan

Address: ~~Richterstr. 86~~  
~~57072 Aachen~~

Mühlenstr. 66e  
52134 Herzogen-  
rath

Citizenship: Germany.

STATE/Commonwealth of \_\_\_\_\_ :

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_, proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

Witness: Denise Debey

Aachen den 5/8/04

D. Debey

- 5 -

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Jeffrey D. Brown

Address: 1102 Buckingham Road  
Garner, NC 27529

Citizenship: United States of America

STATE/Commonwealth of \_\_\_\_\_ :

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_, proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

N0400.70032US00

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Jerry W. Johnson, 925 Tanworth Drive, Raleigh, NC 27615; Robert J. Therrien, 1466 Big Leaf Loop, Apex, NC 27502; Andrei Vescan, 2106 White Pond Court, Apex, NC 27423; and Jeffrey D. Brown, 1102 Buckingham Road, Garner, NC 27529, hereby:

1. Sell, assign and transfer to Nitronex Corporation, a North Carolina corporation having a place of business at 628 Hutton Street, Suite 106, Raleigh, North Carolina 27606, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on December 17, 2003 under Serial No. 10/740,376 bearing Attorney Docket No. N0400.70032US00, and titled GALLIUM NITRIDE MATERIAL DEVICES INCLUDING AN ELECTRODE-DEFINING LAYER AND METHODS OF FORMING THE SAME, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction and all foreign countries on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;

2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me/us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

3. Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee;

4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;


5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us; and

6. Appoint Kevin J. Linthicum or his successor as Vice President of Nitronex Corporation, 628 Hutton Street, Suite 106, Raleigh, North Carolina 27606, our attorney(s)-in-fact to execute in our name and behalf any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

- 2 -

This instrument is executed under seal.

9 / 13 / 2004  
Date

  
Inventor: Jerry W. Johnson  
Address: 925 Tamworth Drive  
Raleigh, NC 27615

Citizenship: United States of America


STATE/Commonwealth of North Carolina :

COUNTY OF Wake :

On this 13<sup>th</sup> day of September, 2004, before me, the undersigned notary public, personally appeared Jerry W. Johnson, proved to me through satisfactory evidence of identification, which were PASS ID, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL



  
Notary Public

My commission expires 2-22-06



- 3 -

09/13/2004  
Date

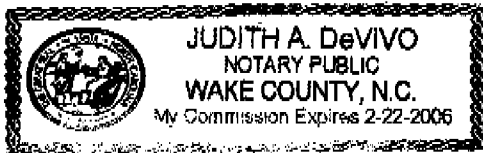
Robert J. Therrien  
Inventor: Robert J. Therrien  
Address: 1466 Big Leaf Loop  
Apex, NC 27502

Citizenship: United States of America

STATE/Commonwealth of North Carolina  
COUNTY OF Wake

On this 13<sup>th</sup> day of September, 2004 before me, the undersigned notary public, personally appeared Robert J. Therrien, proved to me through satisfactory evidence of identification, which were Photo ID, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL



Judith A. DeVivo  
Notary Public

My commission expires 2/22/06

- 4 -

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Andrei Vescan

Address: 2106 White Pond Court  
Apex, NC 27423

Citizenship: Germany

STATE/Commonwealth of \_\_\_\_\_ :

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_, proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

- 5 -

Date 9/13/2004

Jeffrey D. Brown  
Inventor: Jeffrey D. Brown

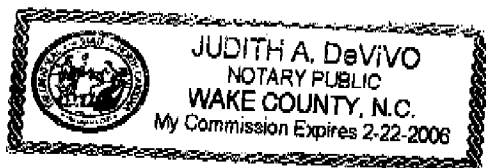
Address: 1102 Buckingham Road  
Garner, NC 27529

Citizenship: United States of America

STATE/Commonwealth of North Carolina :  
COUNTY OF Wake :

On this 13<sup>th</sup> day of September, 2004, before me, the undersigned notary public, personally appeared Jeffrey D. Brown, proved to me through satisfactory evidence of identification, which were PHOTO ID, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL



Judith A. DeVivo  
Notary Public

My commission expires 2/22/08