

11-05-2003

11.3.03


 U.S. DEPARTMENT OF COMMERCE  
 U.S. Patent and Trademark Office  
 Docket No. 200701/1007

To the Honorable Commissioner

102592604

d original documents or copy thereof.

## 1. Name of conveying party(ies)

 James E. Moon  
 Timothy J. Davis  
 Gregory J. Galvin

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

Name: Kionix, Inc.Street Address: 22 Thornwood DriveCity: Ithaca State: NY Zip: 14850

Country: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

## Execution Date(s):

1<sup>st</sup> Inventor: October 16, 20032<sup>nd</sup> Inventor: October 17, 20033<sup>rd</sup> Inventor: October 17, 20034<sup>th</sup> Inventor: \_\_\_\_\_

## 4. Application number(s) or patent number(s);

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

A. Patent Application No.(s)

10/655,246

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Attorney Name: Joseph M. NotoFirm Name: Nixon Peabody LLP

Internal Address: \_\_\_\_\_

Street Address: Clinton Square, P.O. Box 31051City: Rochester State: NY Zip: 14603-10516. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

14-1138

(Attach duplicate copy 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.

Joseph M. Noto

Name of Person Signing

Registration No. 32,163

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 7

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450  
☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) \_\_\_\_\_

Oct. 29, 2003

Date

Ruth R. Smith

Signature

Ruth R. Smith

Typed or printed name

Mail documents to be recorded with required cover sheet information to:  
 Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office,  
 P.O. Box 1450, Alexandria, VA 22313-1450

R727274.1

 PATENT  
 REEL: 014654 FRAME: 0196

# ASSIGNMENT

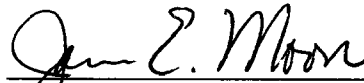
WHEREAS, We, **James E. Moon**, a citizen of the United States, residing at 37 Fox Hill Drive, Fairport, New York 14450, **Timothy J. Davis**, a citizen of the United States, residing at 19 Prospect Street, Trumansburg, New York 14886, and **Gregory J. Galvin**, a citizen of the United States, residing at 51 Waterview Heights Road, Ithaca, New York 14850, have invented certain new and useful improvements in **INTEGRATED MONOLITHIC MICROFABRICATED DISPENSING NOZZLE AND LIQUID CHROMATOGRAPHY-ELECTROSPRAY SYSTEM AND METHOD** for which an application for Letters Patent has been filed in the United States as U.S. Serial No. 10/655,246 on September 4, 2003;

AND WHEREAS, **Kionix, Inc.**, with its principal place of business at 22 Thornwood Drive, Ithaca, New York 14850, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Kionix, Inc.**, its successors, legal representatives and assigns, the entire right, title and interest we, the said inventors, have throughout the world in, to and under the said improvements, and the said Patent and said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Kionix, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Kionix, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Kionix, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

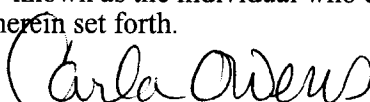
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of October, 2003.

  
James E. Moon

STATE OF New York  
COUNTY OF Monroe SS:

This 16<sup>th</sup> day of Oct, 2003, before me personally came the above-named **James E. Moon**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

CARLA OWENS  
Notary Public, State of NY  
No. 01WA5037042  
Qualified in Monroe County  
Commission Expires Dec 12 07

  
Notary Public  
Commission expires on 12/12/07.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Timothy J. Davis**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came  
the above-named **Timothy J. Davis**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public  
Commission expires on \_\_\_\_\_.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Gregory J. Galvin**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came  
the above-named **Gregory J. Galvin**, to me personally known as the individual who  
executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public  
Commission expires on \_\_\_\_\_.

## ASSIGNMENT

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NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Kionix, Inc.**, its successors, legal representatives and assigns, the entire right, title and interest we, the said inventors, have throughout the world in, to and under the said improvements, and the said Patent and said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Kionix, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Kionix, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Kionix, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2003.

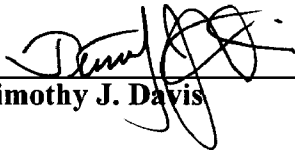
\_\_\_\_\_  
**James E. Moon**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **James E. Moon**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public  
Commission expires on \_\_\_\_\_.


IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17<sup>th</sup> day  
of October, 2003.

  
\_\_\_\_\_  
Timothy J. Davis

STATE OF NY  
COUNTY OF Tompkins SS:

This 17<sup>th</sup> day of October, 2003, before me personally came  
the above-named **Timothy J. Davis**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

**MICHAEL D. PINNISI**  
Notary Public, State Of New York  
No. 02Pt6060135  
Qualified In Tompkins County  
Commission Expires June 18, 2006

  
\_\_\_\_\_  
Notary Public  
Commission expires on 6-18-06.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Gregory J. Galvin**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came  
the above-named **Gregory J. Galvin**, to me personally known as the individual who  
executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public  
Commission expires on \_\_\_\_\_.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**James E. Moon**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above-named **James E. Moon**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public  
Commission expires on \_\_\_\_\_.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day  
of \_\_\_\_\_, 2003.


\_\_\_\_\_  
**Timothy J. Davis**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ SS:

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came  
the above-named **Timothy J. Davis**, to me personally known as the individual who executed  
the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public  
Commission expires on \_\_\_\_\_.

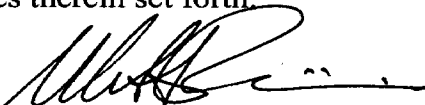
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17th day  
of October, 2003.

  
\_\_\_\_\_  
**Gregory J. Galvin**

STATE OF New York  
COUNTY OF Tompkins SS:

This 17th day of October, 2003, before me personally came  
the above-named **Gregory J. Galvin**, to me personally known as the individual who  
executed the same of his/her own free will for the purposes therein set forth.

**MICHAEL D. PINNISI**  
Notary Public, State Of New York  
No. 02PI6060135  
Qualified In Tompkins County  
Commission Expires June 18, 2007

  
\_\_\_\_\_  
Notary Public  
Commission expires on 6.18.08.