

Form PTO-159A (Rev. 05-06)  
OMB No. 0651-0027 (exp. 5/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

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

### 1. Name of conveying party(ies):

Nesbitt W. Hagood (05/06/2008), Jasper Lodewyk Steyn (05/06/2008), Richard S. Payne (05/06/2008),

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

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

Name: Pixtronix, Inc.

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

Street Address: \_\_\_\_\_

100 Burtl Road, Suite123

City: Andover

State: Massachusetts

Country: United States of America Zip: 01810

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

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) in parentheses after inventor name \_\_\_\_\_

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

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

A. Patent Application No.(s)

11/975,398

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Edward A. Gordon  
ROPES & GRAY LLP

Internal Address: Atty. Dkt.: 268502-0023-101

Street Address: One International Place

City: Boston

State: MA Zip: 02110

Phone Number: (617) 951-7066

Fax Number: (617) 951-7050

Email Address: egordon@ropesgray.com

### 6. Total number of applications and patents involved:

1

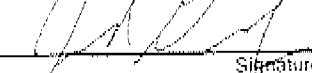
### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

- a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 18-1945  
Authorized User Name Edward A. Gordon

### 9. Signature:

  
\_\_\_\_\_  
Signature

May 9, 2008

Date

Edward A. Gordon - 54,130  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents.

7

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Dated: May 9, 2008

Signature:  (Mary Murphy)

**RECORDATION FORM COVER SHEET (PTO-1595)**  
(supplemental sheet)**Additional Conveying Party(ies)/Execution Date(s) (1. Continued):**

Jignesh Gandhi (05/06/2008), John J. Fijol (05/06/2008), Roger W. Barton (05/06/2008), and Eugene E. Fike, III (05/06/2008)

**Additional Assignees (2. Continued):**

Assignee Name: \_\_\_\_\_

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

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

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

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

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

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

**Additional Applications and/or Patents (4. Continued):**Additional Patent Application Numbers  
4A. Continued:Additional Patent Numbers  
4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

268502-0023-101

## ASSIGNMENT

WHEREAS, we, **Nesbitt W. Hagood, Jasper Lodewyk Steyn, Richard S. Payne, Jignesh Gandhi, John J. Fijol, Roger W. Barton and Eugene E. Fike III**, have invented a certain improvement in **MEMS DISPLAY APPARATUS** described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;
- ☒ was filed on **October 19, 2007** as Application No. **11/975,398**
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, Pixtronix, Inc., (hereinafter "ASSIGNEE"), a corporation organized having principal offices at 100 Burt Road, Suite 123, Andover, Massachusetts 01810, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure

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the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have herunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: \_\_\_\_\_

Nesbitt W. Hagood

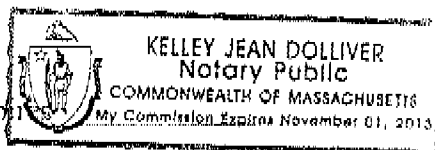
State of Mass )  
County of Essex )

On this 5<sup>th</sup> day of May, 2008, before me, the undersigned notary public, personally appeared Nesbitt W. Hagood, proved to me through satisfactory evidence of identification, which was Driver's License, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Kelley Jean Dolliver  
Notary Public

My commission expires



268502-0023-101

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: \_\_\_\_\_

Jasper Lodewyk Steyn

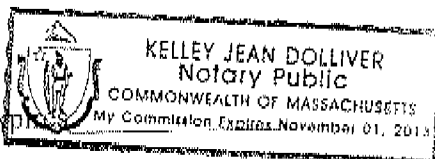
State of Mass )  
County of Essex )

On this 6<sup>th</sup> day of May, 2008, before me, the undersigned notary public, personally appeared Jasper Lodewyk Steyn, proved to me through satisfactory evidence of identification, which was Drivers License, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Kelley B.  
Notary Public

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



IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: \_\_\_\_\_

Richard S. Payne

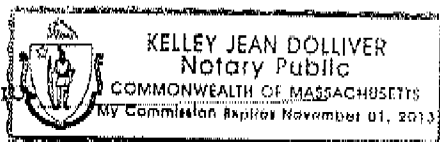
State of Mass )  
County of Essex )

On this 6<sup>th</sup> day of May, 2008, before me, the undersigned notary public, personally appeared Richard S. Payne, proved to me through satisfactory evidence of identification, which was Drivers License, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Kelley B.  
Notary Public

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



268502-0023-101

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

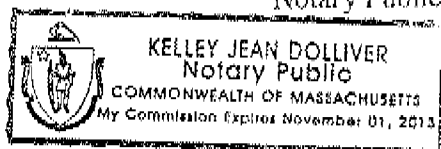
Inventor's Signature: \_\_\_\_\_

Jignesh Gandhi

State of Mass )  
County of Essex )

On this 6<sup>th</sup> day of May, 2008, before me, the undersigned notary public, personally appeared Jignesh Gandhi, proved to me through satisfactory evidence of identification, which was DRIVER'S LICENSE, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Kelley Jean Dolliver  
Notary Public

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

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

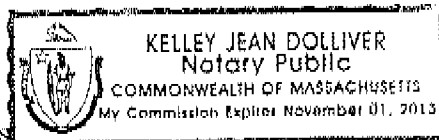
Inventor's Signature: \_\_\_\_\_

John J. Fijol

State of Mass )  
County of Essex )

On this 6<sup>th</sup> day of May, 2008, before me, the undersigned notary public, personally appeared John J. Fijol, proved to me through satisfactory evidence of identification, which was DRIVER'S LICENSE, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Kelley Jean Dolliver  
Notary Public

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

268502-0023-101

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

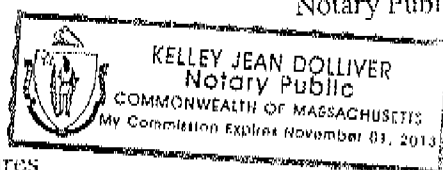
Inventor's Signature: *Roger W. Barton*  
 Roger W. Barton

State of MASS. )  
 County of ESSEX )

On this 6<sup>th</sup> day of May, 20 08 before me, the undersigned notary public, personally appeared **Roger W. Barton**, proved to me through satisfactory evidence of identification, which was DRIVERS LICENSE, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

*Kelley Jean Dolliver*  
 Notary Public



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

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

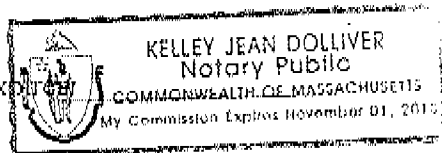
Inventor's Signature: *Eugene E. Fike III*  
 Eugene E. Fike III

State of MASS. )  
 County of ESSEX )

On this 6<sup>th</sup> day of May, 20 08 before me, the undersigned notary public, personally appeared **Eugene E. Fike III**, proved to me through satisfactory evidence of identification, which was DRIVERS LICENSE, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

*Kelley Jean Dolliver*  
 Notary Public



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