

Form PTO-1595 (Rev. 08-01)
OMB No. 0651-0027 (exp. 6/30/2008)

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, IV (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 Burt Road, Suite 123
 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): This document is being filed together with a new application.
 A. Patent Application No.(s)
11/656,307
 B. Patent No.(s)

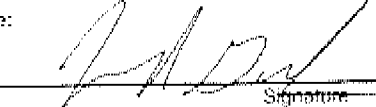
 Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Edward A. Gordon
ROPES & GRAY LLP
 Internal Address: Atty. Dkt.: 268502-P02-003
 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:
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)

B. 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 Date May 9, 2008
Edward A. Gordon - 54,130
 Name of Person Signing
 Total number of pages including cover sheet, attachments, and documents

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)

CH \$40.00 181945 11656307

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), and Roger W. Barton (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-P02-003

ASSIGNMENT

WHEREAS, we, **Nesbitt W. Hagood, IV, Jasper Lodewyk Steyn, Richard S. Payne, Jignesh Gandhi, John J. Fijol, and Roger W. Barton**, have invented a certain improvement in **METHODS AND APPARATUS FOR ACTUATING DISPLAYS** 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 January 19, 2007 as Application No. 11/656,307
- 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, the 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; 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 the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

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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.

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.

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

Inventor's Signature: [Handwritten Signature]
Nesbitt W. Hagood, IV

State of Mass)
County of Essex)


Then personally appeared before me the above-named **Nesbitt W. Hagood, IV** and acknowledged that he executed the foregoing instrument as his free act and deed this 6th day of May, 2008.

(SEAL) [Handwritten Signature]
Notary Public

My commission expires  11/01/2013

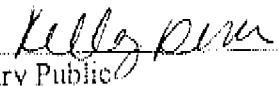
268502-PU2-003

IN TESTIMONY WHEREOF, we have herunto 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)

Then personally appeared before me the above-named **Jasper Lodewyk Steyn** and acknowledged that he executed the foregoing instrument as his free act and deed this 6th day of May, 2008.

(SEAL) 
Notary Public

My commission 

268502-P02-003

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

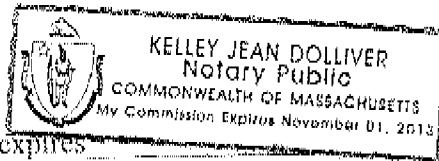
Inventor's Signature: *Richard S. Payne*
Richard S. Payne

State of MASS)
County of ESSEX)

Then personally appeared before me the above-named **Richard S. Payne** and acknowledged that he executed the foregoing instrument as his free act and deed this 6th day of May, 2008.

(SEAL)

Kelley Jean Dolliver
Notary Public



My commission expires _____

268502-P02-003

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

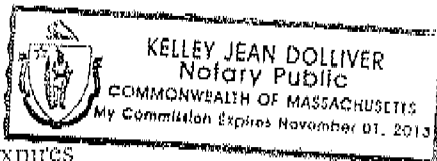
Inventor's Signature: Jignesh Gandhi
Jignesh Gandhi

State of Mass)
County of Essex)

Then personally appeared before me the above-named **Jignesh Gandhi** and acknowledged that he executed the foregoing instrument as his free act and deed this 6th day of May, 2008.

(SEAL)

Kelley Jean Dolliver
Notary Public



My commission expires _____

268502-P02-003

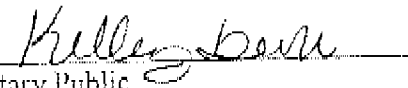
IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

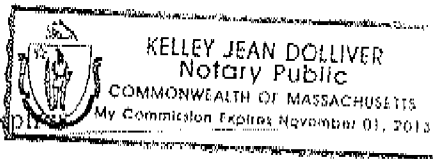
Inventor's Signature: 
John J. Fijol

State of Mass)
County of Essex)

Then personally appeared before me the above-named **John J. Fijol** and acknowledged that he executed the foregoing instrument as his free act and deed this 6th day of May, 2008.

(SEAL)


Notary Public



My commission expires

268502-P02-003

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

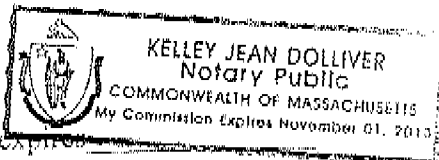
Inventor's Signature: *Roger W. Barton*
Roger W. Barton

State of Mass)
County of Essex)

Then personally appeared before me the above-named **Roger W. Barton** and acknowledged that he executed the foregoing instrument as his free act and deed this 16th day of May, 2008.

(SEAL)

Kelley Jean Dolliver
Notary Public



My commission expires