

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Richard S. Payne</td><td>01/13/2011</td></tr><tr><td>Je Hong Kim</td><td>01/13/2011</td></tr><tr><td>Jignesh Gandhi</td><td>01/13/2011</td></tr><tr><td>Mark B. Andersson</td><td>01/13/2011</td></tr><tr><td>Javier Villarreal</td><td>01/13/2011</td></tr></tbody></table>		Name	Execution Date	Richard S. Payne	01/13/2011	Je Hong Kim	01/13/2011	Jignesh Gandhi	01/13/2011	Mark B. Andersson	01/13/2011	Javier Villarreal	01/13/2011
Name	Execution Date												
Richard S. Payne	01/13/2011												
Je Hong Kim	01/13/2011												
Jignesh Gandhi	01/13/2011												
Mark B. Andersson	01/13/2011												
Javier Villarreal	01/13/2011												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Pixtronix, Inc.</td></tr><tr><td>Street Address:</td><td>100 Burt Road</td></tr><tr><td>Internal Address:</td><td>Suite 123</td></tr><tr><td>City:</td><td>Andover</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>01810</td></tr></table>		Name:	Pixtronix, Inc.	Street Address:	100 Burt Road	Internal Address:	Suite 123	City:	Andover	State/Country:	MASSACHUSETTS	Postal Code:	01810
Name:	Pixtronix, Inc.												
Street Address:	100 Burt Road												
Internal Address:	Suite 123												
City:	Andover												
State/Country:	MASSACHUSETTS												
Postal Code:	01810												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12985196</td></tr></tbody></table>		Property Type	Number	Application Number:	12985196								
Property Type	Number												
Application Number:	12985196												
CORRESPONDENCE DATA													
Fax Number: (617)235-9493 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 617-951-7000													
Email: liseann.ruggeri-kalil@ropesgray.com													
Correspondent Name: Ropes & Gray LLP													
Address Line 1: Prudential Tower - 800 Boylston Street													
Address Line 2: IPRM Docketing - 43rd Floor													
Address Line 4: Boston, MASSACHUSETTS 02199													
ATTORNEY DOCKET NUMBER:	268502-P04-011												

501412823

PATENT  
REEL: 025675 FRAME: 0881

CH \$40.00 12985196

NAME OF SUBMITTER:

Lise Ann Ruggeri-Kalil

**Total Attachments: 4**

source=268502\_P04\_011\_Assignment#page1.tif

source=268502\_P04\_011\_Assignment#page2.tif

source=268502\_P04\_011\_Assignment#page3.tif

source=268502\_P04\_011\_Assignment#page4.tif

## ASSIGNMENT

WHEREAS, we, Richard S. Payne, Je Hong Kim, Jignesh Gandhi, Mark B. Andersson, and Javier Villarreal, have invented a certain improvement in DISPLAY APPARATUS AND METHODS FOR MANUFACTURE THEREOF, 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 5, 2011 as Application No. 12/985,196
- ☐ was patented under U.S. Patent No \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, Pixtronix, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Declaware, 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 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.

Inventor *Richard S. Payne* Date: *1/13/2011*  
Richard S. Payne

Address *6 Skopelos Circle*  
*Andover, MA 01810*

Witness *Kelley Downer* Date: *1/13/2011*

Address *38B Farmland Rd*  
*Lowell MA 01850*

Witness *Jelly Barks* Date: *1/13/2011*

Address *20 Lancaster Farm Rd.*  
*Salem, NH 03079*

Inventor Je Hong Kim Date: 1/13/11

Address 20 Centre St.  
Lexington, MA 02421

Witness Kelley Doherty Date: 1/13/11

Address 38B Farmland Rd  
Lowell MA 01850

Witness Jerry Banks Date: 1/13/2011

Address 20 Lancaster Farm Rd.  
Salem, NH 03079

Inventor Jignesh Gandhi Date: 1/13/11


Address 9 Kingsdale Street  
Burlington, MA 01803.

Witness Kelley Doherty Date: 1/13/11

Address 38B Farmland Rd.  
Lowell MA 01850

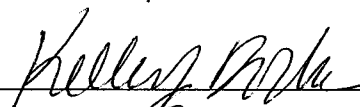
Witness Jerry Banks Date: 1/13/2011

Address 20 Lancaster Farm Rd.  
Salem, NH 03079

Inventor   
Mark B. Andersson

Date: 1/13/2011

Address 371 Whitney St.  
Northborough MA 01532

Witness  Date: 1/13/11

Address 38B Farmland Rd  
Lowell MA 01850


Witness  Date: 1/13/2011

Address 20 Lancaster Farm Rd.  
Salem, NH 03079


Inventor   
Javier Villarreal

Date: 1/13/2011

Address 618 Pleasant Ave.  
Somerville, MA 02143

Witness  Date: 1/13/11

Address 38B Farmland Rd  
Lowell MA 01850

Witness  Date: 1/13/2011

Address 20 Lancaster Farm Rd.  
Salem, NH 03079