

PATENT ASSIGNMENT

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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>Nesbitt W. Hagood</td><td>07/13/2011</td></tr><tr><td>Stephen R. Lewis</td><td>07/28/2011</td></tr><tr><td>Abraham McAllister</td><td>07/25/2011</td></tr><tr><td>Roger W. Barton</td><td>07/07/2011</td></tr></tbody></table>		Name	Execution Date	Nesbitt W. Hagood	07/13/2011	Stephen R. Lewis	07/28/2011	Abraham McAllister	07/25/2011	Roger W. Barton	07/07/2011		
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<table border="1"><tr><td>Name:</td><td>Pixtronix, Inc.</td></tr><tr><td>Street Address:</td><td>100 Burtt 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 Burtt Road	Internal Address:	Suite 123	City:	Andover	State/Country:	MASSACHUSETTS	Postal Code:	01810
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CORRESPONDENCE DATA													
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ATTORNEY DOCKET NUMBER:	268502-P02-008												
NAME OF SUBMITTER:	Lise Ann Ruggeri-Kalil												

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PATENT
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Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, **Nesbitt W. Hagood, Stephen R. Lewis, Abraham McAllister, and Roger W. Barton**, have invented a certain improvement in **CIRCUITS FOR CONTROLLING 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 29, 2007** as Application No. **11/978,829**

☐ was patented under U.S. Patent No. _____ on _____.

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

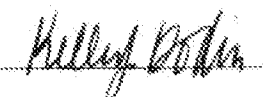
the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

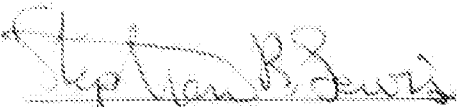
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, 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;

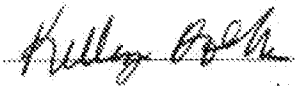
AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

The undersigned hereby authorizes Ropes & Gray LLP, of Prudential Tower, 800 Boylston Street, Boston, MA 02199, to insert hereon any further identification information necessary or desirable for recordation of this document.

Inventor:  Date: 7/13/11
Nesbitt W. Hagood

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Andover, MA

Inventor:  Date: 7/28/11
Stephen R. Lewis

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Abraham McAllister

Date:

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7/25/2011

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Roger W. Barton

Date: 7/3/11

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