Form PTO-1595 (Rev. 08/05) MB No. 0651-0027 (exp. 6/30/2008)	- 2006 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
To the Director of the U.S. Patent and Tragernark Office, Frease	6515
Name of conveying party(ies):	2. Name and address of receiving party(ies)
Jignesh Gandhi (9/25/2006), Nesbitt W. Hagood	Pintonia India
(9/22/2006), and Roger W. Barton (9/22/2006)	Name: Pixtronix, Inc.
Additional name(s) of conveying party(ies) attached?	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after inventor name	100 Burtt Road, Suite 123
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Andover
Government Interest Assignment	State: Massachusetts
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 01810
Other	Additional name(s) & address(es) Yes X No attached?
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers attached?	This document is being filed together with a new application. B. Patent No.(s) Yes X No
. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Edward J. Kelly FISH & NEAVE IP GROUP, ROPES & GRAY LLP Internal Address: Atty. Dkt.: 268502-P01-015 Street Address: One International Place	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: Boston	8. Payment Information
MA Zip: 02110-2624 Phone Number: (617) 951-7532 Fax Number: (617) 951-7050 Email Address: ekelly@ropesgray.com	a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number Authorized User Name Edward J. Kelly
Email Address: ekelly@ropesgray.com Signature:	198
Signature Signature Edward A. Gordon - 54,130 Name of Person Signing	September 26, 2006 Some Date Total number of pages including cover sheet, attachments, and documents:
I hereby certify that this paper (along with any paper referred to as being a Express Mail, Airbill No. EV521704281US, on the date shown below in ar Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Dated: 96606 Signature:	attached or enclosed) is being deposited with the U.S. Postal Service as envelope addressed to: (Joanne Ryan)

ASSIGNMENT

WHEREAS, we, Jignesh Gandhi, Nesbitt W. Hagood, and Roger Barton, have invented a certain improvement in DISPLAY APPARATUS WITH OPTICAL CAVITIES described in an application for Letters Patent of the United States, the specification of which:

	X]	is being executed on even date herewith; and is about to be filed in the United States Patent Office;
[]	was filed on as Application No
ĺ]	was patented under U.S. Patent No on

WHEREAS, Pixtronix, Inc. (hereinafter "ASSIGNEE"), a corporation having principal offices at 100 Burtt 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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PATENT REEL: 018358 FRAME: 0349 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 One International Place, Boston, MA 02110, to insert hereon any further identification 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.

Ω

Inventor's Sig	nature: Jignesh Gandhi
State of Mass.) County of Esset)	
personally appeared Jignesh Gandhi, prove	to be the person whose name is
(SEAL)	Kelly BULLA Notary Public
My commission expires 12/15/06	

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IN TESTIMONY WHE set forth below.	EREOF, we have hereunto set our hands and affixed our seal(s) the da	ite
	Inventor's Signature: Nesbitt W. Hagood	
	ed before me the above-named Nesbitt W. Hagood and acknowledge egoing instrument as his free act and deed this <u>zznd</u> day	
(SEAL) Notary Public	kuezone	
My commission expires	12/15/06	

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IN TESTIMONY WI date set forth below.	IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the set forth below.		
	Inventor's Signature: Roger Barton		
	Fore me the above-named Roger Barton and acknowledged that he ment as his free act and deed this day of		
(SEAL) Notary Public	- Kelley Douery		
My commission expires_12_	15/06		

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RECORDED: 09/26/2006

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