

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4339351

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECEIVING PARTIES TO PIXTRONIX, INC. AND SHARP CORPORATION previously recorded on Reel 035203 Frame 0267. Assignor(s) hereby confirms the ASSIGNMENT.

**CONVEYING PARTY DATA**

Name	Execution Date
MARK DOUGLAS HALFMAN	12/05/2016
EDWARD BUCKLEY	01/10/2017
NAKANO TAKETOSHI	08/12/2016
BRIAN FINKEL	12/08/2016
JAMES EAKIN	12/04/2016
JIGNESH GANDHI	01/10/2017
ALAN GERALD LEWIS	03/03/2017
ROBERT MYERS	03/20/2017
FAHRI YARAS	01/10/2017
JOHN FIJOL	03/15/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	PIXTRONIX, INC.
<b>Street Address:</b>	5775 MOREHOUSE DRIVE
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121-1714
<b>Name:</b>	SHARP CORPORATION
<b>Street Address:</b>	22-22 NAGAIKE-CHO, ABENO-KU
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	545-8522

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14601065

**CORRESPONDENCE DATA**

**Fax Number:** (617)342-4001

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent*

**PATENT**

*using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 6173424000  
**Email:** kquebec@foley.com, ipdocketing@foley.com  
**Correspondent Name:** PAUL S. HUNTER  
**Address Line 1:** FOLEY & LARDNER LLP  
**Address Line 2:** 111 HUNTINGTON AVENUE, SUITE 2500  
**Address Line 4:** BOSTON, MASSACHUSETTS 02199

<b>ATTORNEY DOCKET NUMBER:</b>	102685-0467 (134272)
<b>NAME OF SUBMITTER:</b>	KAYLA M. QUEBEC
<b>SIGNATURE:</b>	/Kayla M. Quebec/
<b>DATE SIGNED:</b>	03/28/2017

**Total Attachments: 42**

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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK DOUGLAS HALFMAN	02/23/2015
EDWARD BUCKLEY	03/03/2015
NAKANO TAKETOSHI	03/10/2015
BRIAN FINKEL	02/20/2015
JAMES EAKIN	02/20/2015
JIGNESH GANDHI	02/20/2015
ALAN GERALD LEWIS	03/12/2015
ROBERT MYERS	02/20/2015
FAHRI YARAS	02/25/2015
JOHN FIJOL	02/20/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PIXTRONIX, INC.
<b>Street Address:</b>	5775 MOREHOUSE DRIVE
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121-1714
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14601065
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)342-4001
<b>Phone:</b>	6173424000
<b>Email:</b>	kquebec@foley.com, ipdocketing@foley.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	FOLEY & LARDNER LLP
<b>Address Line 1:</b>	111 HUNTINGTON AVENUE
<b>Address Line 2:</b>	SUITE 2500
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02199

**PATENT**

**REEL: 042104 FRAME: 0086**

<b>ATTORNEY DOCKET NUMBER:</b>	102685-0467 (134272)
<b>NAME OF SUBMITTER:</b>	KAYLA M. QUEBEC
<b>Signature:</b>	/Kayla M. Quebec/
<b>Date:</b>	03/19/2015
<b>Total Attachments: 8</b> source=134272_Assignment#page1.tif source=134272_Assignment#page2.tif source=134272_Assignment#page3.tif source=134272_Assignment#page4.tif source=134272_Assignment#page5.tif source=134272_Assignment#page6.tif source=134272_Assignment#page7.tif source=134272_Assignment#page8.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT3272598
<b>Receipt Date:</b>	03/19/2015

PATENT

REEL: 042104 FRAME: 0087

**ASSIGNMENT**

WHEREAS, WE,

1. Mark Douglas Halfman, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Newtonville, Massachusetts,
2. Edward Buckley, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Melrose, Massachusetts,
3. Nakano Taketoshi, a citizen of Japan, having a mailing address located at Sharp Kabushiki Kaisha, 22-22 Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan 545-8522 and a resident of Tokyo, Japan,
4. Brian Finkel, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Acton, Massachusetts,
5. James Eakin, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Worcester, Massachusetts,
6. Jignesh Gandhi, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Burlington, Massachusetts,
7. Alan Gerald Lewis, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Sunnyvale, California,
8. Robert Myers, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Andover, Massachusetts,
9. Fahri Yaras, a citizen of Turkey, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Chelsea, Massachusetts,
10. John Fijol, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Shrewsbury, Massachusetts,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to

**APPARATUS AND METHOD FOR ADAPTIVE IMAGE RENDERING BASED ON  
AMBIENT LIGHT LEVELS**

(collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, PIXTRONIX, INC. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

WHEREAS, SHARP CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Japan, having a place of business at 22-22 Nagaike-cho, Abeno-ku, Osaka 545-8522, Japan, desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 14/601,065 filed January 20, 2015, Pixtronix Reference No. 134272, and all provisional applications relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model

may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;


AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at NEWTONVILLE, MA, on 12/5/16  
LOCATION DATE

  
Mark Douglas Halfman

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
Edward Buckley

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
Nakano Taketoshi

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
Brian Finkel



Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE James Eakin

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Jignesh Gandhi

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Alan Gerald Lewis

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Robert Myers

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Fahri Yaras

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE John Fijol

## ASSIGNMENT

WHEREAS, WE,

1. Mark Douglas Halfman, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Newtonville, Massachusetts,
2. Edward Buckley, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Melrose, Massachusetts,
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have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to

**APPARATUS AND METHOD FOR ADAPTIVE IMAGE RENDERING BASED ON  
AMBIENT LIGHT LEVELS**

(collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, PIXTRONIX, INC. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

WHEREAS, SHARP CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Japan, having a place of business at 22-22 Nagaike-cho, Abeno-ku, Osaka 545-8522, Japan, desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 14/601,065 filed January 20, 2015, Pixtronix Reference No. 134272, and all provisional applications relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or

may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

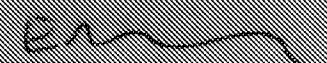
AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance.

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Mark Douglas Halfman

Done at NEULOSE MA, on 1/10/17  
LOCATION DATE   
Edward Buckley

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Nakano Taketoshi

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Brian Finkel

Done at \_\_\_\_\_, on \_\_\_\_\_  
          LOCATION                        DATE                                James Eakin

Done at \_\_\_\_\_, on \_\_\_\_\_  
          LOCATION                        DATE                                Jignesh Gandhi

Done at \_\_\_\_\_, on \_\_\_\_\_  
          LOCATION                        DATE                                Alan Gerald Lewis

Done at \_\_\_\_\_, on \_\_\_\_\_  
          LOCATION                        DATE                                Robert Myers

Done at \_\_\_\_\_, on \_\_\_\_\_  
          LOCATION                        DATE                                Fahri Yaras

Done at \_\_\_\_\_, on \_\_\_\_\_  
          LOCATION                        DATE                                John Fijol

## ASSIGNMENT

WHEREAS, WE,

1. Mark Douglas Halfman, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Newtonville, Massachusetts,
2. Edward Buckley, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Melrose, Massachusetts,
3. Nakano Taketoshi, a citizen of Japan, having a mailing address located at Sharp Kabushiki Kaisha, 22-22 Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan 545-8522 and a resident of Tokyo, Japan,
4. Brian Finkel, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Acton, Massachusetts,
5. James Eakin, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Worcester, Massachusetts,
6. Jignesh Gandhi, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Burlington, Massachusetts,
7. Alan Gerald Lewis, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Sunnyvale, California,
8. Robert Myers, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Andover, Massachusetts,
9. Fahri Yaras, a citizen of Turkey, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Chelsea, Massachusetts,
10. John Fijol, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Shrewsbury, Massachusetts,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to

**APPARATUS AND METHOD FOR ADAPTIVE IMAGE RENDERING BASED ON  
AMBIENT LIGHT LEVELS**

(collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, PIXTRONIX, INC. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

WHEREAS, SHARP CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Japan, having a place of business at 22-22 Nagaike-cho, Abeno-ku, Osaka 545-8522, Japan, desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 14/601,065 filed January 20, 2015, Pixtronix Reference No. 134272, and all provisional applications relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or

may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;


AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at \_\_\_\_\_, on \_\_\_\_\_  
 LOCATION DATE Mark Douglas Halfman

Done at \_\_\_\_\_, on \_\_\_\_\_  
 LOCATION DATE Edward Buckley

Done at JAPAN, on AUG 12 / 2016  
 LOCATION DATE  Nakano Takafoshi

Done at \_\_\_\_\_, on \_\_\_\_\_  
 LOCATION DATE Brian Finkel





## ASSIGNMENT

WHEREAS, WE,

1. Mark Douglas Halfman, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Newtonville, Massachusetts,
2. Edward Buckley, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Melrose, Massachusetts,
3. Nakano Taketoshi, a citizen of Japan, having a mailing address located at Sharp Kabushiki Kaisha, 22-22 Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan 545-8522 and a resident of Tokyo, Japan,
4. Brian Finkel, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Acton, Massachusetts,
5. James Eakin, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Worcester, Massachusetts,
6. Jignesh Gandhi, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Burlington, Massachusetts,
7. Alan Gerald Lewis, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Sunnyvale, California,
8. Robert Myers, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Andover, Massachusetts,
9. Fahri Yaras, a citizen of Turkey, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Chelsea, Massachusetts,
10. John Fijol, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Shrewsbury, Massachusetts,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to

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(collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, PIXTRONIX, INC. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

WHEREAS, SHARP CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Japan, having a place of business at 22-22 Nagaike-cho, Abeno-ku, Osaka 545-8522, Japan, desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 14/601,065 filed January 20, 2015, Pixtronix Reference No. 134272, and all provisional applications relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or

may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

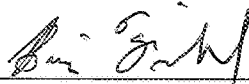
AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Mark Douglas Halfman

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Edward Buckley

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Nakano Taketoshi

Done at WILMINGTON, MA, on DEC 8 2016  
LOCATION DATE  Brian Finkel



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WHEREAS, PIXTRONIX, INC. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

WHEREAS, SHARP CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Japan, having a place of business at 22-22 Nagaike-cho, Abeno-ku, Osaka 545-8522, Japan, desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

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AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Mark Douglas Halfman


Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Edward Buckley

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Nakano Taketoshi

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Brian Finkel



Done at Worcester MA, on 12/4/2016  
LOCATION DATE

  
James Eakin

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
Jignesh Gandhi

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
Alan Gerald Lewis

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
Robert Myers

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
Fahri Yaras

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

\_\_\_\_\_  
John Fijol

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WHEREAS, WE,

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WHEREAS, PIXTRONIX, INC. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

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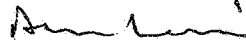
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Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE James Eakin

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Jignesh Gandhi

Done at SANTA CLARA, on 3-3-17  
LOCATION DATE   
Alan Gerald Lewis

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Robert Myers

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Fahri Yaras

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE John Fijol

## ASSIGNMENT

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may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Mark Douglas Halfman

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Edward Buckley

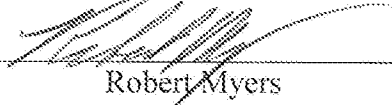
Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Nakano Taketoshi

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Brian Finkel

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE James Eakin

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Jignesh Gandhi

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Alan Gerald Lewis

Done at \_\_\_\_\_, on 3/20/17  
LOCATION DATE   
Robert Myers

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Fahri Yaras

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE John Fijol

## ASSIGNMENT

WHEREAS, WE,

1. Mark Douglas Halfman, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Newtonville, Massachusetts,
2. Edward Buckley, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Melrose, Massachusetts,
3. Nakano Taketoshi, a citizen of Japan, having a mailing address located at Sharp Kabushiki Kaisha, 22-22 Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan 545-8522 and a resident of Tokyo, Japan,
4. Brian Finkel, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Acton, Massachusetts,
5. James Eakin, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Worcester, Massachusetts,
6. Jignesh Gandhi, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Burlington, Massachusetts,
7. Alan Gerald Lewis, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Sunnyvale, California,
8. Robert Myers, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Andover, Massachusetts,
9. Fahri Yaras, a citizen of Turkey, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Chelsea, Massachusetts,
10. John Fijol, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Shrewsbury, Massachusetts,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to

**APPARATUS AND METHOD FOR ADAPTIVE IMAGE RENDERING BASED ON  
AMBIENT LIGHT LEVELS**

(collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, PIXTRONIX, INC. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

WHEREAS, SHARP CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Japan, having a place of business at 22-22 Nagaike-cho, Abeno-ku, Osaka 545-8522, Japan, desires to acquire or otherwise obtain fifty (50%) right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 14/601,065 filed January 20, 2015, Pixtronix Reference No. 134272, and all provisional applications relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or

may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                                    DATE                                    Mark Douglas Halfman

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                                    DATE                                    Edward Buckley

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                                    DATE                                    Nakano Taketoshi

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                                    DATE                                    Brian Finkel



Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE James Eakin

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Jignesh Gandhi

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Alan Gerald Lewis

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE Robert Myers

Done at AUSTIN, TX, on 1/10/2017  
LOCATION DATE  Fahri Yaras

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE John Fijol

## ASSIGNMENT

WHEREAS, WE,

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6. Jignesh Gandhi, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Burlington, Massachusetts,
7. Alan Gerald Lewis, a citizen of United Kingdom, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Sunnyvale, California,
8. Robert Myers, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Andover, Massachusetts,
9. Fahri Yaras, a citizen of Turkey, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Chelsea, Massachusetts,
10. John Fijol, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714 and a resident of Shrewsbury, Massachusetts,

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AMBIENT LIGHT LEVELS**

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AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or

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AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Mark Douglas Halfman

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Edward Buckley

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Nakano Taketoshi

Done at \_\_\_\_\_, on \_\_\_\_\_  
                    LOCATION                    DATE                    Brian Finkel

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

James Eakin

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

Jignesh Gandhi

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

Alan Gerald Lewis

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

Robert Myers

Done at \_\_\_\_\_, on \_\_\_\_\_  
LOCATION DATE

Fahri Yaras

Done at \_\_\_\_\_, on 3/15/17  
LOCATION DATE

  
John Fijol