505928443 02/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5975161

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| GREGG M. DUTHALER | 04/22/2004 |
| KARL R. AMUNDSON | 02/08/2005 |
| JOHN E. RITTER | 03/15/2005 |
| ROBERT W. ZEHNER | 02/08/2005 |
| BARRETT COMISKEY | 05/05/2005 |
| ALBERTO GOENAGA | 12/08/2003 |
| MICHAEL L. STEINER | 11/26/2003 |

RECEIVING PARTY DATA

| Name: | E INK CORPORATION |
|-----------------|----------------------------|
| Street Address: | 1000 TECHNOLOGY PARK DRIVE |
| City: | BILLERICA |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 01821-4165 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16794347 |

CORRESPONDENCE DATA

Fax Number: (617)499-6200

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.

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Correspondent Name: E INK CORPORATION

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Address Line 2: ATTN: IP DEPARTMENT

Address Line 4: BILLERICA, MASSACHUSETTS 01821-4165

| ATTORNEY DOCKET NUMBER: | H-357DIV5 | |
|-------------------------|----------------------|--|
| NAME OF SUBMITTER: | ALISON M. BERRYMAN | |
| SIGNATURE: | /Alison M. Berryman/ | |
| DATE SIGNED: | 02/21/2020 | |

505928443 PATENT REEL: 051885 FRAME: 0834

Total Attachments: 8 source=assignment-pat-46172-174#page5.tif source=assignment-pat-46172-174#page6.tif source=assignment-pat-46172-174#page7.tif source=assignment-pat-46172-174#page8.tif source=assignment-pat-46172-174#page9.tif

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PATENT REEL: 051885 FRAME: 0835

ASSIGNMENT

WHEREAS, We, Gregg M. Duthaler, Karl R. Amundson, Holly G. Gates, John E. Ritter, Russell J. Wilcox, Robert W. Zehner, Anthony Edward Pullen, Barrett Comiskey, Alberto Goenaga and Michael L. Steiner have invented one or more improvements in:

ELECTRO-OPTIC DISPLAYS

described in:an application for Letters Patent of the United States Serial No. 10/605,024 filed in the United States Patent Office on September 2, 2003, and

WHEREAS, E Ink Corporation (hereinafter "E INK"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 733 Concord Avenue, Cambridge, Massachusetts 02138-1002 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 E INK, 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 the inventions 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 or claim priority under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application of such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said E INK 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 and sale not been made; we hereby convey all of our 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. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said inventions, carries with it the right in E INK to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of E INK's selection and the right to procure the grant of all Letters Patent to E INK for its own name as E INK of our 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 E INK, its successors, assigns, and legal representatives, but at its or their expense and charges, including: the execution of applications for patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said inventions or any application or patent directed thereto may be involved; and we further hereby authorize E INK or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on that date of our execution of this assignment;

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 E INK, its successors, assigns, and legal representatives.

PATIENT REEL: 048248 FRANKE: 09484

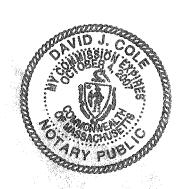
| Joint Assignment Serial No.: 10/605,024 Page 2 | | |
|--|-----------|---|
| IN TESTIMONY WHEREOF forth below. | , we hav | we hereunto set our hands and affixed our seals the date set |
| | | Inventor: Jeg M. Outhaler Gregg M. Duthaler |
| Commonwealth of Massachusetts County of Middlesex |)) ss | |
| Subscribed and sworn to before 2003/- | e me, by | y the above-named Gregg M. Duthaler this 22 day of Duthaler This 22 day of Notary Public My Commission Expires: October 4, 2007 |
| | | Inventor: Karl R. Amundson |
| Commonwealth of Massachusetts | ` | |

Commonwealth of Massachusetts **County of Middlesex**

) ss

Notary Public

My Commission Expires: October 4, 2007



| Joint Assignment Serial No.: 10/605,024 Page 3 | | |
|--|-------------------|-------------------------------------|
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| | | |
| | Inventor: | Holly G. Gates |
| Commonwealth of Massachusetts) County of Middlesex) ss | | |
| Subscribed and sworn to before me, l | by the above-name | ned Holly G. Gates this 8th day of |
| | Notary Public | on Expires: October 4, 2007 |
| SACHIE COMPANY PUBLISHED | Inventor: | John E. Ritter |
| Commonwealth of Massachusetts) County of Middlesex) ss | | |
| Subscribed and sworn to before me, 2003/5 | | med John E. Ritter this 15th day of |
| | Lla | and I cot |

Notary Public

My Commission Expires: October 4, 2007

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PATENT REEL: 048248 FRANE: 02486

| Joint Assignment Serial No.: 10/605,024 | |
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| Page 4 | |
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| | |
| | Inventor: |
| | Russell J. Wilcox |
| Commonwealth of Massachusetts) County of Middlesex) ss | |
| Subscribed and sworn to before me, by 2005. | the above-named Russell J. Wilcox this day of |
| | Duil 5 Cl |
| | Notary Public |
| ~00000022 | My Commission Expires: October 4, 2007 |
| ARY PUR DOME | Inventor: MM M-M-Robert W. Zehner |
| Commonwealth of Massachusetts) County of Middlesex) ss | Robert W. Zeringi |
| Subscribed and sworn to before me, by | the above-named Robert W. Zehner this day of |
| <u>February</u> 2003 | ri |
| ν | David J. Col |
| A CONTRACTOR OF THE PROPERTY O | Notary Public |
| 10 1: CO | My Commission Expires: October 4, 2007 |



PATENT REEL: 04949 FRAME: 0909 Joint Assignment Serial No.: 10/605,024 Page 5

Inventor:

Commonwealth of Massachusetts County of Middlesex) ss

Subscribed and sworn to before me, by the above-named Anthony Edward Pullen this 315th

2003.

Notary Public
My Commission Expires: 6/30/2006

Joint Assignment Serial No.: 10/605,024 Page 6

Inventor:

Barrett Comiskey

Date:

Signature of Witness:

Printed Name of Witness:

PATENT REEL: **04804**8 FRAWE: **0480**9 Joint Assignment Serial No.: 10/605,024

Page 7

Inventor:

Alberto Goenaga

State of Non-Hampshine California,
County of Santa Barbara) ss

Notary Public

My Commission Expires:

JUDITH BRACE SHELLING
Commission # 1344676
Notary Public - California
Santa Barbara County
My Corner. Expires Feb 25, 2008

Joint Assignment Serial No.: 10/605,024 Page 8

Inventor:

State of Minnesota

) ss

County of Washington

Subscribed and sworn to before me, by the above-named Michael L. Steiner this 26th day of 2003.

SUSAN J. DALY

Notary Public

My Commission Expires: Jan. 31, 2005

RECORDED: 03/00/2025