| '¦JUL. 27. 2005 | 1:31PM LADASPARRYLLP3239344145 | NO. 2044 P. 2 | | | | | |
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| _ _ | | USSN 10/133,161 B-5603 951422 | | | | | |
| Form PTO-1595 ERev. 6-93) To the Honorable (| RECORDATION FORM COVER SHEET U.S. Department of Commerce PATENTS ONLY Patent and Trademark Office mmlssioner of Patents and Trademarks: Please record the attached original documents or copy thereof. | | | | | | |
| | conveying party(ies): | 2. Name and address of receiving parties: | | | | | |
| (2) James (3) Christo | L. Hansen C. Dunphy pher J. Spindt M. Cleeves | Name: <u>Candescent Technologies Corporation</u> Internal Address: Street Address:_ <u>6580 Via del Oro_</u> | | | | | |
| (5) Jerome | M. Truppa | City: <u>San Jose</u> State: <u>CA</u> | | | | | |
| Additional nan | ne(s) of conveying parties attached? [] YES [X] NO | Zip: <u>95119</u> Country: <u>U.S.A.</u> | | | | | |
| 3. Nature of | conveyance: | Additional name(s) & address(es) attached? []YES [X]NO | | | | | |
| [] Assignme | ent []Merger | | | | | | |
| [] Security / | Agreement [] Change of Name | | | | | | |
| Ni In Ci Di | esponse to Notice of on-Recordation ID No. 102943951 issued connection with prrection of Reel/Frame: 013557/0341 ocument ID: 102310056A acordation Date: 12/09/2002 | | | | | | |
| for James C. I | ate: <u>9/26/02 for Ronald L. Hansen; 9/25/02</u> Dunphy: <u>9/29/02 for Christopher J. Spindt;</u> mbs M. Cleeves; 10/18/02 for Jerome M. | | | | | | |
| 4. Application | number(s) or patent number(s): is being filed together with a new application, the execution date of the application is: | | | | | | |
| A. Patent Ap | lication No(s).: 10/133,161 B. Patent No(s).: | | | | | | |
| · ' | Additional numbers attached? [] YES [X] NO | | | | | | |
| | | 6. Total number of application and patents involved: [1] | | | | | |
| | address of party to whom ce concerning document should be mailed: | 7. Total fee 937 CFR 3.41)\$ _ [`] Enclosed | | | | | |
| Name: <u>L</u> Internal Addre Street Addres | avis S. Gallenson ADAS & PARRY sss: s: <u>5670 Wilshire Boulevard, #2100</u> ales_State: <u>CA</u> Zip: <u>90036</u> | Any additional fees which may be required are [X] Authorized to be charged to deposit account No. <u>12-0415</u> | | | | | |
| | | 8. Deposit account number: | | | | | |
| , <u>II</u> | | (Altach duplicale copy of this page if paying by deposit account) | | | | | |
| To the best | and signature. If my knowledge and belief, the foregoing information is true and correct and any is a true copy of the original document. | | | | | | |
| <u>Robert I</u> Name of Per Reg. No | on Signing Signature Date | | | | | | |
| : | <u>Total number of pages including cover sheet, attachments, and document; [10]</u> Fax documents to be recorded with required cover sheet information to: 703-308-7124 | | | | | | |
| time for reviewing t comments regardir Washington, D.C. 2 | ting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including e document and gathering the date needed, and completing and reviewing the sample cover sheet. Send withis burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, 231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C., 20503. | | | | | | |
| | UREAU OF NATIONAL AFFAIRS, INC., Washington, D.C. 2 | | | | | | |
| | | PATENT | | | | | |

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| | 12/9/ | 0Z | | | Docket No | .: CDST-E147 | | |
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| | | ,aopoan. | rademark Oπice, Assignme | nt Branch, North Tower | | envelope bearing Fill schington, D.C., 2023 | | |
| 1 | Date of Deposit: 12/02/ | 02 Name of Person Making the Deposit: | Julie Williams | Signature of the Person Making the Deposit: | Quiel | rthams | | |
| 1 | | ommissioner for Pater | nts | | 000- | | | |
| 1 | Washington, D. Sir: | IC. 20231 | | | | | | |
| 1 | Please record t | he attached original do | cument(s) or copy(ies |) thereof: | | | | |
| 1 | , | Transmittal of an Assignment | | | | | | |
| 1 | 1. Name of cor | veying Ronald L. | Hansen, Jamces C | . Dunphy, Chr | istopher J. Sp | indt, James | | |
| 1 | party(ies): Serial No.; | M. Cleeves 10/133,161 | , Jerome M. Trup | pa and Yukino roup Art Unit: | bu Iguchi | | | |
| | Filed: | 04/26/02 | | aminer. | | | | |
| 1 | 2. Name and | Address of CANDES | CENT TECHNOLOGIES | CORPORATION | | | | |
| 1 1 1 | Heceiving 3. Nature of (| eiving party(ies) 6580 Via del Oro, San Jose, CA 95119 Jre of Conveyance: Assignment | | | | | | |
| ¦ | Execution | Date: 9/26/02, 09/25 | /02, 09/29/02, 09/24/0 | 02, 10/18/02 and | 10/15/02 | | | |
| | 4. New Patent | Application entitled: | | | ALIBRATING FLA | T PANEL | | |
| | | | FIELD EMISSI | | | | | |
| | 5. Name and a Name: | address of party to who Anthony C. M | om correspondence co lurabito | oncerning docume | ent should be maile | | | |
| 1 | Addres | s Wagner, Mura | abito & Hao LLP | | | | | |
| 1 | Phone | (408) 938-90 | arket Street, Third Floo 60 | r, San Jose, CA 🤅 | 35113 | 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | |
| | 6. Total Numbe | er of applications and r | patents involved: <u>ONE</u> | | | 60110) A 10: 3 A 10: 3 | | |
| 1 | 1 | tion (for other than a | | | | | | |
| 1 | Assignmer | t Recordation Fee, per | r property | | 1 X \$40.00 | | | |
| | Total Fees | (37 CFR 3.41) tof \$ 40.00 | is enclosed | | | \$40.00 | | |
| | | | | | | | | |
| | overpayme | nts to Deposit Account | of this application, plea t 23-0085. A duplicate | copy of this trans | aitional tees require smittal is enclosed. | ed or credit any | | |
| | 1 | | | | | 1 | | |
| | 9. Statement a | ind signature: | | | | | | |
| i I | To the best of r | ny knowledge and beli he original document. | ief, the foregoing infor | mation is true and | i correct and any a | ttached copy is | | |
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| 1 | | 020 10133161 | | $\sim l$ | []]] | | | |
| FCil | WC1 | 40.00 OP | | Name Anthon | y C. Murabito | | | |
| | Date: 12/02 | /02 | | Reg. No. 35,2 | 295 | | | |
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| 1 | Page 1 of 1 | | | | | rev, 6/97 j | | |
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| 1 | | 1 | | RE | EL: 016586 F | RAME: 078 | | |

Assignment to Candescent Technologies Corporation

Docket No.: CDST-E147

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Ronald L. Hansen

do hereby sell, assign and transfer unto Candescent Technologies Corporation (hereinafter called Candescent), a California Corporation having its principal place of business at 6580 Via del Oro, San Jose, California 95119, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States, patent entitled:

SYSTEM AND METHOD FOR RECALIBRATING FLAT PANEL FIELD EMISSION DISPLAYS

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 10/133,161 Serial No: 10/133,161 filed on 04/26/02 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto and the inventions set forth which may be granted thereon or therefore;

Further, I/we have agreed to assign to Candescent all inventions (except as otherwise limited by law) which relate to Candescent business and which were first conceived or actually reduced to practice during my/our employment by Candescerit;

And for the above consideration, I/we agree promptly upon request of Candescent, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Candescent, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Candescent;

I/we further obvenant with Candescent, its successors, assigns, and legal representatives that no assignment, grant, mortgade, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereignto set my/our hand(s) and seal. Konuld J. Ham _____ Date: 9/26/02

Inventor's Signature:

rev: 11/97 epn PATENT REEL: 016586 FRAME: 0784

Assignment to Candescent Technologies Corporation

Docket No.: CDST-E147

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we James C. Dunphy

do hereby sell, assign and transfer unto Candescent Technologies Corporation (hereinafter called Candescent), a California Corporation having its principal place of business at 6580 Via del Oro, San Jose, California 95119, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled.

SYSTEM AND METHOD FOR RECALIBRATING FLAT PANEL FIELD EMISSION DISPLAYS

____ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial Noi: 10/133,161 filed on 04/26/02 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Candescent all inventions (except as otherwise limited by law) which relate to Candescent business and which were first conceived or actually reduced to practice during my/our employment by Candescent;

And for the above consideration, I/we agree promptly upon request of Candescent, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Candescent, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Candescent;

I/we further covenant with Candescent, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Date: 9/25/2002 Inventor's Signature: de

Page 1 of 1

Docket No.: CDST-E147

Assignment to Candescent Technologies Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Christopher J. Spindt

do hereby sell, assign and transfer unto Candescent Technologies Corporation (hereinafter called Candescent), a California Corporation having its principal place of business at 6580 Via del Oro, San Jose, California 95119, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

SYSTEM AND METHOD FOR RECALIBRATING FLAT PANEL FIELD EMISSION DISPLAYS

____ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 10/133,161 filed on 04/26/02 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Candescent all inventions (except as otherwise limited by law) which relate to Candescent business and which were first conceived or actually reduced to practice during my/our employment by Candescent;

And for the above consideration, I/we agree promptly upon request of Candescent, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Candescent, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Candescent;

I/we further covenant with Candescent, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature:

Himly

Date:

Docket No.: CDST-E147

Assignment to Candescent Technologies Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we James M. Cleeves

do hereby sell, assign and transfer unto Candescent Technologies Corporation (hereinafter called Candescent), a California Corporation having its principal place of business at 6580 Via del Oro, San Jose, California 95119, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

SYSTEM AND METHOD FOR RECALIBRATING FLAT PANEL FIELD EMISSION DISPLAYS

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 10/133,161 filed on 04/26/02 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Candescent all inventions (except as otherwise limited by law) which relate to Candescent business and which were first conceived or actually reduced to practice during my/our employment by Candescent;

And for the above consideration, I/we agree promptly upon request of Candescent, its successors or assigns, toexecute and deliver without further compensation any power of attorney, assignment, application, whether original. continuation, divisional or relssue, or other papers which may be necessary or desirable fully to secure to Candescent, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Candescent:

I/we further covenant with Candescent, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

from The Cleans Date: 9/24/02

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature;

rev: 11/97 epn PATENT REEL: 016586 FRAME: 0787

Assignment to Candescent Technologies Corporation

Docket No.: CDST-E147

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Jerome M. Truppa

do hereby sell, assign and transfer unto Candescent Technologies Corporation (hereinafter called Candescent), a California Corporation having its principal place of business at 6580 Via del Oro, San Jose, California 95119, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled;

SYSTEM AND METHOD FOR RECALIBRATING FLAT PANEL FIELD EMISSION DISPLAYS

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 10/133,161 filed on 04/26/02 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to Candescent all inventions (except as otherwise limited by law) which relate to Candescent business and which were first conceived or actually reduced to practice during my/our employment by Candescerlt;

And for the above consideration, I/we agree promptly upon request of Candescent, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Candescent, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Candescent:

I/we further covenant with Candescent, its successors, assigns, and legal representatives that no assignment," grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature: _____ Lerom & Type ____ Date: 10/18/02_

Page 1 of 1

| 1 | JUL. 27. 2005 1:35PM LADASPARRYLLP3239344145 | NO.2044 P.12 |
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| | Assignment To SONY Corporation | Attorney Docket No.: CDST-E147 |
| | Corporation | |
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| | In consideration of good and valuable consideration, receipt of which <u>Yukinobu</u> Iguchi | |
| i | Yukinobu Iguchi | is nereby acknowledged, I/we |
| 1 | do hereby sell, assign, and transfer unto Sony Corporation, a Corpo 7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan (hereir | pration of Japan, having a place of business at |
| | and assigns, the entire right title, and interest for the | ioner called the Assignee), and its successors |
| | improvements, including the right of priority in, to, and under, the app | Dication for the United States patent entitled: |
| 1 1 1 | SYSTEM AND METHOD FOR RECALIBRATING FLAT PANEL FIE | LD EMISSION DIGDING |
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| 1 | Filed herewith and the inventions set forth and described therein United States and of countries foreign thereto which may be gr | 1, and any and all Letters Patent of the appled thereon of these |
| P 1 | <u>x</u> Serial No.: <u>10/133,161</u> filed on 04/26/02 | and a neroon of merciol, or |
| 1 | And described therein, and any and all Letters Ratent of the Li | and the inventions set forth |
| | which may be granted thereon or therefor; | meet states and of countries foreign thereto |
| | And for the above consideration, I/we agree promptly upon request execute and deliver without further compensation any nower of attempts and the second seco | of the Ameliana II. |
| 1 | execute and deliver without further compensation any power of attorn continuation, divisional or reissue, or other papers which may be | Tey, assignment, application, whether original |
| l i i | Assignees, their successors and essigned the two-stress dest | necessary or desirable fully to secure to the |
| 1 1 - 1 | in the United States and in any country foreits the described | said application and all patent rights therein. |
| 1 | interference proceedings involving said inventions and in the adjudic provided the expenses which may be incurred by me/us in leading | ation or reexamination of said Letters Patent |
| 1 | provided the expenses which may be incurred by me/us in lending the Assignee. | such cooperation and assistance are paid by |
| | I/we further covenant with the Assignee its successory environment | |
| | I/we further covenant with the Assignee, its successors, assigns, an grant, mortgage, license, or other agreement affecting the rights and others by the undersigned, and that full right to convey the same | no legal representatives that no assignment, property herein conveyed has been made to |
| I | others by the undersigned, and that full right to convey the same undersigned; | as herein expressed is possessed by the |
| | | - |
| 1 | In witness whereof, I/we hereunto set my/our hand(s) and seal: | 1 |
| 1 | Inventor's Signature: Thik in the Louch | Date: Oct 15 2007 |
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