

RECORDATION FORM COVER SHEET PATENTS ONLY

To The Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

iFire Technology Inc.

First Assignor

December 15, 2004

Date of Execution

Second Assignor

Date of Execution

Third Assignor

Date of Execution

Fourth Assignor

Date of Execution

Fifth Assignor

Date of Execution

Sixth Assignor

Date of Execution

Additional name(s) of conveying party(ies) attached? ☐ YES ☐ NO

2. Name and address of receiving party(ies):

iFire Technology Corp.

Street Address: **10102-114 Street**

City: **Fort Saskatchewan**

State **Alberta, Canada** ZIP **T8L 3W4**

Additional name(s) & address attached? ☐ YES ☒ NO

3. Nature of Conveyance (check only one):

☒ New Assignment

☐ Merger

☐ License Agreement

☐ Security Agreement

☐ Change of Name

☐ Other:

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:

Application Nos.:

Patent Nos.: **5,930,591**

Date application was signed by the first named executing inventor

(Fill-in this date only if assignment is filed together with a new application)

5. Name and address of party to whom correspondence concerning documents should be mailed:

Name: **Michael D. Stein**
WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301
215-568-3100

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40.00**

☐ Enclosed

☒ Authorized to be charged to Deposit Account Number **23-3050**

CLIENT MATTER NUMBER: IVJA-0039

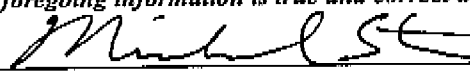
8. Please charge any deficiency or credit any overpayment to Deposit Account Number **23-3050**

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael D. Stein



October 5, 2006

Name of Person Signing/Reg. No.

Signature

Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: **15**

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CH \$40.00 233050 5930591

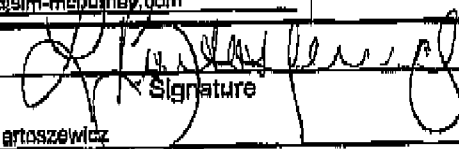
PATENT

700290696

REEL: 018362 FRAME: 0857

Form PTO-1598 (Rev. 09/04)
OMB No. 0551-0027 (exp. 6/30/2006)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY700212065
Document ID NO.

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s): IFIRE TECHNOLOGY INC. Execution Date(s) <u>December 15, 2004</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>1115901 ALBERTA LTD.</u> Internal Address: _____ Street Address: <u>10102-114 Street</u> City: <u>Fort Saskatchewan</u> State: <u>Alberta</u> Country: <u>Canada</u> Zip: <u>T8L 3W4</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) _____ B. Patent No.(s) <u>5,869,837</u> <u>5,917,210</u> <u>6,300,977</u> <u>5,929,449</u> <u>5,930,591</u> <u>6,486,470</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Lola A. Bartoszewicz</u> Internal Address: <u>Sim & McBurney</u> Street Address: <u>330 University Avenue</u> <u>6th Floor</u> City: <u>Toronto</u> State: <u>Ontario</u> Zip: <u>M5G 1R7</u> Phone Number: <u>416 595 1155 ext. 8420</u> Fax Number: <u>416 595 1163</u> Email Address: <u>bartoszewicz@sim-mcburney.com</u>		6. Total number of applications and patents involved: <u>6</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>240.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
8. Signature:  Lola A. Bartoszewicz Name of Person Signing		8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>192253</u> Authorized User Name <u>Sim & McBurney</u> December 2, 2005 Date Total number of pages including cover sheet, attachments, and documents: <u>10</u>	

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5005, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

700231742

PATENT
REEL: 017125 FRAME: 0411
REEL: 018362 FRAME: 0858

CHI \$240.00 192253 5869837

NOTARIAL CERTIFICATE


TO ALL WHOM THESE PRESENTS MAY COME,
BE SEEN OR KNOWN:

I, DEBRA L. MARR, A NOTARY PUBLIC IN AND FOR THE PROVINCE OF ALBERTA, BY ROYAL AUTHORITY DULY APPOINTED, residing in Edmonton, in the said Province DO CERTIFY AND ATTEST that the paper writing hereunto annexed is a TRUE COPY of a document produced to me and purporting to be:

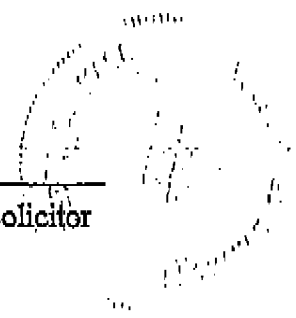
Assignment dated December 15, 2004 from iFire Technology Inc. to
iFire Technology Corp. (formerly 1115901 Alberta Ltd.)

THE SAID COPY having been compared by me with the said original document, an act whereof being requested, I HAVE GRANTED the same under my notarial form and seal of office to serve and avail as occasion shall or may require.

IN TESTIMONY WHEREOF, I have hereto subscribed my name and affixed my seal of office at Fort Saskatchewan, Alberta, the 25th day of April, 2006.



Debra L. Marr, Barrister and Solicitor
A Notary Public in and for the
Province of Alberta



ASSIGNMENT

WHEREAS, IFIRE TECHNOLOGY INC., having a principal office or place of business at 10102 - 114 Street, Fort Saskatchewan, Alberta, Canada, T8L 3W4, (hereinafter referred to as the "ASSIGNOR") is the owner of the entire right, title and interest in the patents and patent applications listed in Schedule "A", attached hereto; and

WHEREAS, the ASSIGNOR has assigned the patents and patent applications listed in Schedule "A" to 1115901 ALBERTA LTD.; and

WHEREAS, 1115901 ALBERTA LTD. changed its name to IFIRE TECHNOLOGY CORP. on July 7, 2004; and

WHEREAS, IFIRE TECHNOLOGY CORP., whose full post office address is 10102 - 114 Street, Fort Saskatchewan, Alberta, Canada, T8L 3W4, (hereinafter referred to as the "ASSIGNEE"), is desirous of securing the entire right, title, and interest in and to said patent applications, the patents to be issued upon said applications and the inventions and discoveries disclosed and claimed therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned and conveyed, and hereby sells, assigns and conveys to ASSIGNEE, its successors and assigns, its entire right, title and interest in and to the inventions and discoveries disclosed in the patents and patent applications listed in Schedule "A", including all other patent applications and any corresponding patent rights in any and all foreign countries which have been or shall be filed on any of the inventions and discoveries disclosed and claimed in any of said patents and patent applications, and all divisions, reissues, continuations, renewals and prolongations thereof, and further including all rights of priority under the International Convention in foreign countries and the right to file and prosecute such applications, and in and to any and all patents which have been or may be granted by any country based either in whole or in part upon any or all of said inventions and discoveries of the said patents and patent applications;

ASSIGNOR has sold, assigned and conveyed, and further sells, assigns and conveys to ASSIGNEE all claims by reason of past infringement of the said patents and patent applications, including the right to sue for and collect for said past infringements;

ASSIGNOR has authorized and requested, and hereby authorizes and requests the Commissioner of Patents in Canada and any official of any foreign country whose duty it is to issue

patents on said applications, to issue all patents for said inventions to the ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

ASSIGNOR has covenanted, and hereby covenants that it has the right to convey the entire right, title and interest to ASSIGNEE, herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith;

ASSIGNOR has agreed, and hereby agrees that it will, without further consideration, communicate with and provide to ASSIGNEE, its successors and assigns, all facts known and documents available to ASSIGNOR relating to said inventions, discoveries, patents and patent applications, including the histories thereof; testify in any legal proceedings; execute and secure all papers that may be necessary to file, prosecute and maintain said patents and patent applications in any country and to assign the same; make all rightful oaths; and generally do everything possible to aid ASSIGNEE, its successors, assigns and nominees, to obtain, uphold and enforce proper patent protection for said inventions and discoveries in all countries.

SIGNED at Fort Saskatchewan, Alberta, this 15th day of December, 2004.


IFIRE TECHNOLOGY INC.

By: 

Name: Douglas H. Murray

Title: Assistant Corporate Secretary

On this 15th day of December, 2004, Douglas H. Murray who identified himself to me as an authorized signing officer of iFire Technology Inc. who executed the foregoing instrument, and acknowledged that he executed the same of his own free will and for the purposes set forth with authority to do so.


Debra L. Marr, Barrister and Solicitor
Notary Public in and for the
Province of Alberta

PATENT

REEL: 018362 FRAME: 0861

The undersigned hereby accepts the Assignment.

SIGNED at Fort Saskatchewan, Alberta, this 15th day of December, 2004.

IFIRE TECHNOLOGY CORP.

By: 

Name: Douglas H. Murray

Title: Corporate Secretary

On this 15th day of December, 2004, Douglas H. Murray who identified himself to me as an authorized signing officer of iFire Technology Corp. who executed the foregoing instrument, and acknowledged that he executed the same of his own free will and for the purposes set forth with authority to do so.


Debra L. Marr

Notary Public in and for the
Province of Alberta

SCHEDULE A

Country	Application Date	Application Number	Publication Number	Patent Number	Expiry Date	Status
W 527						
FLAT PANEL DETECTOR FOR RADIATION IMAGING WITH REDUCED TRAPPED CHARGES						
(joint Sunnybrook & iFire)						
Europe	31-Jul-95	95926356.7	0 842 541 A1	0 842 541 B1	31-Jul-15	Issued
Germany			EP 0 842 541	695 25 477.4 T2	31-Jul-15	Validated
Japan	31-Jul-95	09-507038	2001-508167T			Published/ Pending
U.S.A.	31-Jul-95	09/000,483		6,172,369 B1	31-Jul-15	Issued
United Kingdom				EP 0 842 541	31-Jul-15	Validated
W 543						
ENERGY EFFICIENT RESONANT SWITCHING ELECTROLUMINESCENT DISPLAY DRIVER						
Canada	13-Feb-01	2,399,373	2,399,373			Published/ Pending
China	13-Feb-01	01805224.X	1404599A			Published/ Pending
Europe	13-Feb-01	01905538.3	1 256 109			Published/ Pending
Japan	13-Feb-01	2001-560383	2003-523533			Published/ Pending
Mexico	13-Feb-01	2002/007990				Published/ Pending
South Korea	13-Feb-01	2002-7010717				Pending
Taiwan	17-Feb-00	89102706	520611	NI-171769	16-Feb-20	Issued
U.S.A.	16-Feb-00	09/504,472		6,448,950 B1	16-Feb-20	Issued
W 548						
MULTIPLE SOURCE DEPOSITION PROCESS						
Canada	17-Dec-01	2,431,084	2,431,084			Published/ Pending
Europe	17-Dec-01	01271929.0	1 346 007			Published/ Pending
Japan	17-Dec-01	2002-553441	2004-522826			Published/ Pending
South Korea	17-Dec-01	2003-7008295				Pending
Taiwan	30-Dec-00	89128421				Pending
U.S.A.	22-Dec-00	09/747,315	2002/0081371	6,610,352 B2	22-Dec-20	Issued
W 548a						
MULTIPLE SOURCE DEPOSITION PROCESS						
U.S.A.	25-Jun-03	10/606,992 div of 09/747,315	2004/0028957			Published/ Pending
W 553						
SHARED PIXEL ELECTROLUMINESCENT DISPLAY DRIVER SYSTEM						
Canada	19-Dec-01	2,430,885	2,430,885			Published/ Pending
Europe	19-Dec-01	01271931.6	1 393 282 A2			Published/ Pending

Country	Application Date	Application Number	Publication Number	Patent Number	Expiry Date	Status
Japan	19-Dec-01	2002-553753	2004-524555			Published/ Pending
South Korea	19-Dec-01	2003-7008296				Pending
Taiwan	2-Jan-01	90100736	543019	NI-181790	11-Jan-21	Issued
U.S.A.	22-Dec-00	09/747,464	2002/0126074			RCE filed

W 554**MAGNESIUM BARIUM THIOALUMINATE AND RELATED PHOSPHOR MATERIALS**

Canada	30-Aug-01	2,421,171	2,421,171			Published/ Pending
Europe	30-Aug-01	01966898.7	1 323 337			Published/ Pending
Japan	30-Aug-01	2002-526805	2004-524378			Published/ Pending
Taiwan	7-Feb-01	90102638				Pending

W 554a**MAGNESIUM BARIUM THIOALUMINATE AND RELATED PHOSPHOR MATERIALS**

U.S.A.	20-May-03	10/441,872 CIP of 09/798,203	2004/0027048			Allowed
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W 557**INSERTION LAYER FOR THICK FILM ELECTROLUMINESCENT DISPLAYS (barium titanate / BaTiO₃)**

Canada	10-Jan-02	2,434,335	2,434,335			Published/ Pending
China	10-Jan-02	02803838.x	1486581T			Published/ Pending
Europe	10-Jan-02	02709927.4	1 352 545			Published/ Pending
Japan	10-Jan-02	2002-558784	2004-520691			Published/ Pending
South Korea	10-Jan-02	2003-7009462				Pending
U.S.A.	17-Jan-01	09/761,971	2002/0094451	6,589,674 B2	17-Jan-21	Issued

W 563**SINGLE SOURCE SPUTTERING OF THIOALUMINATE PHOSPHOR FILMS**

Canada	7-May-02	2,447,626	2,447,626			Published/ Pending
Europe	7-May-02	02729684.7	1 392 881			Published/ Pending
Japan	7-May-02	2003-500312				Pending
South Korea	7-May-02	2003-7015453				Pending
U.S.A.	29-May-01	09/867,080		6,447,654 B1	29-May-21	Issued

W 563a**SINGLE SOURCE SPUTTERING OF THIOALUMINATE PHOSPHOR FILMS**

U.S.A.	5-Aug-02	10/214,478 CIP of 09/867,080	2003/0000829			Published/ Pending
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W 566**THIOALUMINATE PHOSPHOR MATERIAL WITH A GADOLINIUM CO-ACTIVATOR**

Canada	7-May-02	2,447,923	2,447,923			Published/ Pending
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Country	Application Date	Application Number	Publication Number	Patent Number	Expiry Date	Status
Europe	7-May-02	02729686.2	1 393 597			Published/ Pending
Japan	7-May-02	2003-501240				Pending
South Korea	7-May-02	2003-7015737				Pending
U.S.A.	30-May-01	09/867,806	2002/0180346	6,617,782 B2	30-May-21	Issued

W 567**MAGNESIUM CALCIUM THIOALUMINATE PHOSPHOR MATERIAL**

Canada	7-May-02	2,449,177	2,449,177			Published/ Pending
Europe	7-May-02	02729685.4	1 399 526			Published/ Pending
Japan	7-May-02	2003-503732				Pending
South Korea	7-May-02	2003-7016118				Pending
U.S.A.	13-Jun-01	09/880,410	2002/0192498	6,686,062 B2	13-Jun-21	Issued

W 570**LOW FIRING TEMPERATURE THICK FILM DIELECTRIC LAYER FOR ELECTROLUMINESCENT DISPLAY**

Canada	16-Dec-02	2,469,508	2,469,508			Published/ Pending
China	16-Dec-02	02825726.X				Pending
Europe	16-Dec-02	02784971.0	1 459 601			Published/ Pending
Japan	16-Dec-02	2003-557258				Pending
South Korea	16-Dec-02	2004-7009855				Pending
U.S.A.	16-Dec-02	10/326,777				Pending

W 571**STABILIZED ELECTRODES IN ELECTROLUMINESCENT DISPLAYS**

Canada	16-Dec-02	2,469,506	2,469,506			Published/ Pending
Europe	16-Dec-02	02784970.2	1 457 094			Published/ Pending
Japan	16-Dec-02	2003-555863				Pending
U.S.A.	19-Dec-02	10/326,786	2003/0152803			Published/ Pending

W 572**ENERGY EFFICIENT GRAY SCALE DRIVER FOR ELECTROLUMINESCENT DISPLAYS**

Canada	23-Dec-02	2,471,701	2,471,701			Published/ Pending
China	23-Dec-02	02826340.5				Pending
Europe	23-Dec-02	02787298.5	1 459 283			Published/ Pending
Japan	23-Dec-02	2003-556977				Pending
South Korea	23-Dec-02	2004-7010126				Pending
Taiwan	28-Dec-01	90132817	540029	NI-180547	17-Dec-21	Issued
U.S.A.	26-Dec-01	10/036,002	2003/0117421			Allowed

W 573**PATTERNING THIN FILM LAYERS FOR ELECTROLUMINESCENT DISPLAYS**

Canada	11-Dec-02	2,469,500	2,469,500			Published/ Pending
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Country	Application Date	Application Number	Publication Number	Patent Number	Expiry Date	Status
Europe	11-Dec-02	02782582.7	1 455 985			Published/ Pending
Japan	11-Dec-02	2003-556203				Pending
U.S.A.	19-Dec-02	10/326,778	2003/0168975			Published/ Pending

W 574**SPUTTER DEPOSITION PROCESS FOR ELECTROLUMINESCENT PHOSPHORS**

Canada	10-Dec-02	2,469,538	2,469,538			Published/ Pending
China	10-Dec-02	02825723.5				Pending
Europe	10-Dec-02	02784952.0	1 458 901			Published/ Pending
Japan	10-Dec-02	2003-556570				Pending
South Korea	10-Dec-02	2004-7009854				Pending
U.S.A.	21-Dec-01	10/036,559	2003/0118864			Allowed

W 582**YTTRIUM SUBSTITUTED BARIUM THIOALUMINATE PHOSPHOR MATERIALS**

Canada	24-Mar-03	National Phase of PCT/CA03/00424 (WO 03/081957)				Application filed
China	24-Mar-03	National Phase of PCT/CA03/00424 (WO 03/081957)				Application filed
Europe	24-Mar-03	National Phase of PCT/CA03/00424 (WO 03/081957)				Application filed
Japan	24-Mar-03	National Phase of PCT/CA03/00424 (WO 03/081957)				Application filed
South Korea	24-Mar-03	National Phase of PCT/CA03/00424 (WO 03/081957)				Application filed
U.S.A.	26-Mar-03	10/397,148	2003/0224221			Published/ Pending

W 586**OXYGEN SUBSTITUTED BARIUM THIOALUMINATE PHOSPHOR MATERIALS (Joint Sanyo/iFire)**

Canada	24-Mar-03	National Phase of PCT/CA03/00568 (WO 03/090501)				Application filed
China	24-Mar-03	National Phase of PCT/CA03/00568 (WO 03/090501)				Application filed
Europe	24-Mar-03	National Phase of PCT/CA03/00568 (WO 03/090501)				Application filed
Japan	24-Mar-03	National Phase of PCT/CA03/00568 (WO 03/090501)				Application filed
South Korea	24-Mar-03	National Phase of PCT/CA03/00568 (WO 03/090501)				Application filed
PCT	16-Apr-03	PCT/CA03/ 00568	WO 03/ 090501			Published
U.S.A.	17-Apr-03	10/417,901	2004/0013906			Published/ Pending

W 588**FINE-GRAINED RARE EARTH ACTIVATED ZINC SULFIDE PHOSPHORS FOR ELECTROLUMINESCENT DISPLAYS**

PCT	25-Aug-03	PCT/CA03/ 01266	WO 2004/ 021745			Published
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Country	Application Date	Application Number	Publication Number	Patent Number	Expiry Date	Status
U.S.A.	27-Aug-03	10/649,282	2004/0161631			Published/ Pending

W 589**SILICON OXYNITRIDE PASSIVATED RARE EARTH ACTIVATED THIOALUMINATE PHOSPHORS FOR ELECTROLUMINESCENT DISPLAYS**

PCT	9-Sep-03	PCT/CA03/ 01367	WO 2004/ 025999			Published
U.S.A.	12-Sep-03	10/661,910				Pending

W 590**LOW PROCESS TEMPERATURE THIN FILM PHOSPHOR FOR ELECTROLUMINESCENT DISPLAYS**

PCT	10-Sep-03	PCT/CA03/ 01383	WO 2004/ 026000			Published
U.S.A.	12-Sep-03	10/661,728				Pending

W 594**A THICK DIELECTRIC COLOR ELECTROLUMINESCENT DISPLAY**

PCT	16-Oct-03	PCT/CA03/ 01567	WO 2004/ 036961			Published
U.S.A.	16-Oct-03	10/686,850	2004/0135495			Published/ Pending

W 603**METHOD AND APPARATUS FOR GRAY-SCALE GAMMA CORRECTION FOR ELECTROLUMINESCENT DISPLAYS**

PCT	4-Nov-03	PCT/CA03/ 01693	WO 2004/ 042689			Published
U.S.A.	4-Nov-03	10/701,051	2004/0090402			Published/ Pending

W 604**ALUMINUM NITRIDE PASSIVATED PHOSPHORS FOR ELECTROLUMINESCENT DISPLAYS**

PCT	5-Dec-03	PCT/CA03/ 01892	WO 2004/ 057925			Published
U.S.A.	15-Dec-03	10/736,020	2004/0170864			Published/ Pending

W 605**COMPOSITE SPUTTER TARGET AND PHOSPHOR DEPOSITION METHOD**

PCT	4-Dec-03	PCT/CA03/ 01887	WO 2004/ 055231			Published
Taiwan	16-Dec-03	092135575				Pending
U.S.A.	15-Dec-03	10/736,255	2004/0149567			Published/ Pending

W 606**BARRIER LAYER FOR THICK FILM DIELECTRIC ELECTROLUMINESCENT DISPLAYS (joint Sanyo/IFire)**

PCT	1-Dec-03	PCT/CA03/ 01850	WO 2004/ 057919			Published
Taiwan	19-Dec-03	092136224				Pending
U.S.A.	15-Dec-03	10/736,368	2004/0170865			Published/ Pending

Country	Application Date	Application Number	Publication Number	Patent Number	Expiry Date	Status
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W 607**CONTROLLED SULFUR SPECIES DEPOSITION PROCESS**

PCT	26-Jan-04	PCT/CA2004/00097	WO 2004/067676			Published
Taiwan	20-Jan-04	093101602				Pending
U.S.A.	29-Jan-04	Non-provisional application claiming priority of USSN 60/443,540				Application filed

W 610**SEAL AND SEALING PROCESS FOR ELECTROLUMINESCENT DISPLAYS**

PCT	17-Jun-04	PCT/CA2004/000895				Pending
Taiwan		Application claiming priority of USSN 60/484,666				Application Filed
U.S.A.		Non-provisional application claiming priority of USSN 60/484,666				Application filed

W 611**HYDROGEN SULFIDE INJECTION METHOD FOR PHOSPHOR DEPOSITION**

PCT	18-Jun-04	PCT/CA2004/000902				Pending
Taiwan		Application claiming priority of USSN 60/484,290				Application filed
U.S.A.	28-June-04	10/878,221				Pending

W 516**ELECTROMAGNETIC RADIATION IMAGING DEVICE USING DUAL GATE THIN FILM TRANSISTORS**

U.S.A.	04-Oct-96	08/693184		5,780,858		Issued
Canada	11-Feb-94	2,182,366		2,182,366		Issued

W 517**RADIATION IMAGING PANEL**

U.S.A.	31-Mar-97	08/776,140		5,869,837		Issued
Japan	27-Jul-94	08-505322		3,457,676		Issued

W 519**FLAT PANEL IMAGING DEVICE**

U.S.A.	30-Jun-97	08/860,544		5,917,210		Issued
Canada	19-Jan-95	2,208,762		2,208,762		Issued

W 520**READ-OUT CIRCUIT FOR ACTIVE MATRIX IMAGING ARRAYS**

U.S.A.	02-Dec-97	08/930,749		6,300,977		Issued
Canada	07-Apr-95	2,216,136		2,216,136		Issued
Europe	07-Apr-95	95915088.9		0819351		Issued
Active validations in Germany & United Kingdom as of July 1, 2004						

Country	Application Date	Application Number	Publication Number	Patent Number	Expiry Date	Status
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W 524**FLAT PANEL DETECTOR FOR RADIATION IMAGING WITH REDUCED ELECTRONIC NOISE**

U.S.A.	20-Jul-98	09/000,481		5,929,449		Issued
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W 529**HIGH RESOLUTION FLAT PANEL FOR RADIATION IMAGING**

Europe	08-May-96	96913400.6		0897597		Issued
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Active validations in France, Germany, Netherlands & United Kingdom as of July 1, 2004

W 529A**COMPENSATION CIRCUIT FOR USE IN A HIGH RESOLUTION AMPLIFIED FLAT PANEL FOR RADIATION IMAGING**

U.S.A.	15-Mar-01	09/809,376		6,486,470		Issued
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W 530**HIGH RESOLUTION, LOW VOLTAGE FLAT-PANEL RADIATION IMAGING SENSORS**

U.S.A.	23-Apr-97	08/841,492		5,930,591		Issued
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