PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUNGHWA PICTURE TUBES, LTD.	06/11/2013

RECEIVING PARTY DATA

Name:	CPT Technology (Group) Co., Ltd.
Street Address:	3, 4F., 1#, NO.6, RUJIANG W. RD., MAWEI DT., FUZHOU
City:	FUJIAN
State/Country:	CHINA

PROPERTY NUMBERS Total: 69

Property Type	Number
Patent Number:	7193587
Patent Number:	6911785
Patent Number:	7034459
Application Number:	13441991
Patent Number:	6746530
Patent Number:	6623662
Patent Number:	6521346
Patent Number:	5572086
Patent Number:	7102696
Patent Number:	7270462
Patent Number:	6441563
Patent Number:	6774873
Patent Number:	6697085
Patent Number:	6652103
Patent Number:	7005079
Patent Number:	7088316

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Patent Number:	7403174
Patent Number:	7126563
Patent Number:	6960497
Patent Number:	D489341
Patent Number:	D495331
Patent Number:	7178962
Patent Number:	7258966
Patent Number:	7116060
Patent Number:	7106010
Patent Number:	7232249
Patent Number:	7322734
Patent Number:	7595773
Patent Number:	8034414
Patent Number:	7204736
Patent Number:	D543958
Patent Number:	7633466
Patent Number:	7688286
Patent Number:	7165856
Patent Number:	7406228
Patent Number:	D532397
Patent Number:	7575342
Patent Number:	7359614
Patent Number:	7503672
Patent Number:	D540756
Patent Number:	7719489
Patent Number:	7474053
Patent Number:	7290903
Patent Number:	D546790
Patent Number:	7710011
Patent Number:	7723911
Patent Number:	7671524
Patent Number:	8216017
Patent Number:	7612502
Patent Number:	7586262
Patent Number:	7553061

	7471287
Patent Number:	7911441
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Patent Number:	7592755
Patent Number:	7557520
Patent Number:	7560981
Patent Number:	8164279
Patent Number:	8035310
Patent Number:	7876395
Patent Number:	7637647
Patent Number:	7768804
Patent Number:	8279380
Patent Number:	8186865
Patent Number:	7914861
Patent Number:	8210700
Patent Number:	8467008
Patent Number:	8109665
Patent Number:	8337069

CORRESPONDENCE DATA

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Signature:	/James Lynn O'Sullivan/
Date:	07/10/2013

Total Attachments: 6
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TRANSFER OF ASSIGNMENT RIGHTS

In re Application of : see attachment

Serial No.: see attachment

Filed: see attachment

The PATENT RIGHTS referred to in this agreement include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

_X_ U.S. patent rights only

____ Worldwide patent rights. In this case, the assignee shall have the right to claim the Benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNEE referred to in this agreement is:

(*Name of Assignee*) CPT Technology (Group) Co., Ltd.

(*Address*) 3, 4F., 1#, NO.6, Rujiang W. Rd., Mawei Dt., Fuzhou, Fujian, P.R.C.

The ASSIGNEE is:

____ An individual

____ A Partnership

_X_ A Corporation of China, P.R.C. (*specify state or country*)

Whereas, ASSIGNEE is desirous of acquiring less than the entire right, title and interest in the same;

The extent (by percentage) of ownership interest is 100 %

Now, therefore, in consideration of the sum of One dollars ($ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, the assignor by these presents do sell, assign and transfer unto said assignee the right to the said invention in the United States and the rights, title and interest in and to any and all Patents which may be granted therefore in the United States consistent with ownership interest.

The assignment of the patent application identified above was recorded in the Patent and Trademark office at Reel see attachment , Frame see attachment .

In re Application of: see attachment
Serial No.: see attachment

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The undersigned do hereby declare that all statements made herein are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Chunghwa Picture Tubes, Ltd.
Assignee

Signature

Title: Vice President & General Counsel

No.1127, Heping Rd., Bade City,
Taoyuan, Taiwan, 334, R.O.C.
Address

6/11/13
Date

Exhibit A
Patents and Patent Applications Assigned to CPT Technology (Group) Co., Ltd.

No.	Serial No.	Title	Filing Date	Patent No.	Date of Patent	Assignment (Reel/Frame)
1	10/664,886	PLASMA DISPLAY PANEL WITH COLOR SPACE TRANSFORMATION DEVICE	2003/09/22	7,193,587	2007/03/20	014518/0521
2	10/665,435	PLASMA DISPLAY PANEL WITH GRAY LEVEL WHITE BALANCE DEVICE	2003/09/22	6,911,785	2005/06/28	014550/0797
3	10/866,083	FRONT PANEL STRUCTURE OF PLASMA DISPLAY PANEL	2004/06/14	7,034,459	2006/04/25	015197/0739
4	13/441,991	TOUCH PANEL FRAME STRUCTURE	2012/04/09	N/A	N/A	028030/0323
5	09/921,342	HIGH CONTRAST, MOISTURE RESISTANT ANTISTATIC/ANTIREFLECTIVE COATING FOR CRT DISPLAY SCREEN	2001/08/02	6,746,530	2004/06/08	012045/0210
6	09/864,063	Carbon Black Coating For CRT Display Screen With Uniform Light Absorption	2001/05/23	6,623,662	2003/09/23	011849/0147
7	09/965,309	Antistatic/Antireflective Coating For Video Display Screen With Improved Refractivity	2001/09/27	6,521,346	2003/02/18	012218/0548
8	08/443,440	Broadband Antireflective And Antistatic Coating For CRT	1995/05/18	5,572,086	1996/11/05	007540/0754
9	09/859,542	METHOD OF EFFECTING VARIOUS ANTI COMPENSATION PROCESSES ON SEGMENTED GRAY LEVEL OF INPUT IMAGE ON PLASMA DISPLAY PANEL	2001/05/18	7,102,696B2	2006/09/05	011818/0876
10	10/345,292	Reflector for flat panel display device	2003/01/16	7,270,462B2	2007/09/18	013938/0068
11	09/859,398	Dynamic color temperature and color deviation calibration method	2001/05/18	6,441,563	2002/08/27	011817/0359
12	09/870,493	Method for Implementing Error Diffusion on Plasma Display Panel	2001/06/01	6,774,873	2004/08/10	011873/0291
13	09/983,454	METHOD AND APPARATUS FOR REDUCING DYNAMIC FALSE CONTOUR IN PLASMA DISPLAY PANEL BY DECREASING VISUAL CONCENTRATION DIFFERENCE	2001/10/24	6,697,085	2004/02/24	012285/0662
14	10/006,230	Reflective-type Liquid Crystal Projection System	2001/12/10	6,652,103	2003/11/25	012362/0384
15	10/409,382	Manufacturing method of light-guiding apparatus for using in backlight of liquid crystal display	2003/04/07	7,005,079	2006/02/28	013952/0703
16	10/064,613	COLOR ADJUSTMENT DEVICE AND METHOD FOR PLASMA DISPLAY PANEL	2002/07/31	7,088,316B2	2006/08/08	012936/0701
17	10/248,711	Method and Apparatus for Improving Gray-Scale Linearity of Plasma Display	2003/02/12	7,403,174B2	2008/07/22	013420/0526

18	10/064,527	BRIGHTNESS CORRECTION APPARATUS AND METHOD FOR PLASMA DISPLAY	2002/07/24	7,126,563B2	2006/10/24	012919/0578
19	10/602,717	Method For Forming Pi-Type Assistant Electrode	2003/06/25	6,960,497	2005/11/01	014229/0436
20	29/186,589	PDP Styles	2003/07/21	D489,341	2004/05/04	014317/0401
21	29/186,590	DISPLAY PANEL	2003/07/21	D495,331	2004/08/31	014316/0344
22	10/866,779	Reflecting Apparatus For Backlight Module Of Flat Panel Display	2004/06/15	7,178,962B2	2007/02/20	015480/0942
23	10/754,725	Method For Manufacturing A Diffuser For A Backlight Module	2004/01/12	7,258,966B2	2007/08/21	014887/0472
24	11/007,204	PLASMA DISPLAY PANEL HAVING A PLURALITY OF BI-DISCHARGE SOURCES AND RELATED METHOD OF SUSTAINING DISCHARGE WAVEFORM	2004/12/09	7,116,060B2	2006/10/03	016071/0744
25	10/902,948	Backlight Module For Reducing Interference	2004/08/02	7,106,010B2	2006/09/12	015657/0409
26	10/906,542	Back Light Module	2005/02/24	7,232,249B2	2007/06/19	015699/0474
27	11/316,927	BACKLIGHT MODULE AND ITS BACK PLATE	2005/12/27	7,322,734	2008/01/29	017421/0911
28	10/908,579	Brightness Correction Method For Plasma Display And Device Thereof	2005/05/18	7,595,773B2	2009/09/29	017499/0321
29	11/682,885	PRINTING PROCESS AND METHOD FOR IMPROVING SID-BOTTOM RATIO	2007/03/07	8,034,414B2	2011/10/11	N/A
30	10/905,193	PRINTING SCREEN WITH IMPROVING SIDE-BOTTOM RATIO	2004/12/21	7,204,736B2	2007/04/17	015473/0561
31	29/223,308	FLAT PANEL TV	2005/02/11	D543,958	2007/06/05	016868/0419
32	11/164,326	APPARATUS AND METHOD FOR LUMINANCE ADJUSTMENT OF PLASMA DISPLAY PANEL	2005/11/18	7,633,466B2	2009/12/15	016795/0866
33	11/164,857	METHOD FOR REDUCING DYNAMIC FALSE CONTOUR ON PLASMA DISPLAY	2005/12/08	7,688,286B2	2010/03/30	016865/0760
34	10/906,462	LIGHT-DUIDE PLATE AND BACKLIGHT MODULE	2005/02/22	7,165,856B2	2007/01/23	015692/0913
35	11/315,235	BACKLIGHT MODULE STRUCTURE FOR LED CHIP HOLDER	2005/12/23	7,406,228	2008/07/29	017407/0677
36	29/226,229	REAR PROJECTION TELEVISION	2005/03/24	D532,397S	2006/11/21	016431/0690
37	11/308,905	LIQUID CRYSTAL DISPLAY AND BACKLIHGT MODULE INCLUDING TITLED LAMP TUBES	2006/05/25	7,575,342B2	2009/08/18	017670/0688
38	11/335,624	BACKLIGHT MODULE	2006/01/20	7,359,614 B2	2008/04/15	017500/0261
39	11/355,633	BACK LIGHT MODULE AND LIGHT MIXING APPARATUS THEREOF	2006/02/15	7,503,672B2	2009/03/17	017576/0822
40	29/237,999	TELEVISION SET	2005/09/08	D540,756S	2007/04/17	016973/0734
41	11/426,008	Driving Waveform and Circuit for Plasma Display Panel	2006/06/22	7,719,489B2	2010/05/18	017830/0459

42	11/306,258	PLASMA DISPLAY PANEL WITHOUT TRANSPARENT ELECTRODES	2005/12/21	7,474,053B2	2009/01/06	017224/0021
43	11/163,639	Projection Display	2005/10/26	7,290,903B2	2007/11/06	016683/0368
44	29/237,840	REAR PROJECTION TELEVISION	2005/09/08	D546,790S	2007/07/17	016640/0609
45	11/306,104	FLAT LIGHT SOURCE	2005/12/16	7,710,011B2	2010/05/04	016903/0795
46	11/308,510	FLAT FLUORESCENT LAMP AND DRIVING METHOD THEREOF, AND LIQUID CRYSTAL DISPLAY DEVICE	2006/03/31	7,723,911B2	2010/05/25	017393/0908
47	11/309,000	FLAT LIGHT SOURCE HAVING PHOSPHOR PATTERNS IN AN EDGE REGION	2006/06/07	7,671,524B2	2010/03/02	017732/0090
48	12/545,868	METHOD OF FABRICATING PLANAR LIGHT SOURCE	2009/08/24	8,216,017B2	2012/07/10	N/A
49	11/308,967	PLANAR LIGHT SOURCE	2006/06/01	7,612,502B2	2009/11/03	017869/0581
50	11/532,105	FLAT FLUORESCENT LAMP AND LIQUID CRYSTAL DISPLAY	2006/09/15	7,586,262B2	2009/09/08	018322/0878
51	11/459,358	SIDE TYPE BACKLIGHT MODULE	2006/07/23	7,553,061B2	2009/06/30	018216/0686
52	11/618,048	LIGHT SOURCE DRIVING CIRCUIT FOR DRIVING LIGHT EMITTING DIODE COMPONENTS AND DRIVING METHOD THEREOF	2006/12/29	7,471,287B2	2008/12/30	018697/0272
53	11/615,997	CURRENT-CONTROLLING APPARATUS FOR CONTROLLING CURRENT OF LIGHT MEITTING DIODE STRING	2006/12/25	7,911,441B2	2011/03/22	018719/0479
54	12/536,503	LIGHT SOURCE DRIVING CIRCUIT	2009/08/06	7,956,553B2	2011/06/07	N/A
55	11/775,237	LIGHT SOURCE DRIVING CIRCUIT	2007/07/10	7,592,755B2	2009/09/22	019578/0693
56	11/775,842	LIGHT SOURCE DRIVING CIRCUIT	2007/07/10	7,557,520B2	2009/07/07	019578/0687
57	11/672,514	CONTROLLING APPARATUS FOR CONTROLLING A PLURALITY OF LED STRINGS AND RELATED LIGHT MODULES	2007/02/07	7,560,981B2	2009/07/14	018865/0975
58	13/225,574	METHOD FOR CONTROLLING LIGHT SOURCE DRIVING CIRCUIT	2011/09/06	8,164,279B2	2012/04/24	N/A
59	12/107,083	CIRCUIT FOR DRIVING LIGHT SOURCE	2008/04/22	8,035,310B2	2011/10/11	020896/0574
60	11/768,204	BACK LIGHT MODULE HAVING PHOTO SENSOR DEVICE AND LIQUID CRYSTAL DISPLAY HAVING THE SAME	2007/06/26	7,876,395B2	2011/01/25	019515/0843
61	12/190,571	BACK LIGHT MODULE	2008/08/12	7,637,647B2	2009/12/29	021419/0916
62	12/344,273	INVERTER AND METHOD FOR CONTROLLING OUTPUT FREQUENCY OF INVERTER	2008/12/25	7,768,804B2	2010/08/03	022030/0475
63	13/451,800	Liquid crystal display with color light guide panel	2012/04/20	8,279,380B2	2012/10/02	N/A

64	12/315,127	Color light guide panel and liquid crystal display	2008/11/26	8,186,865B2	2012/05/29	021959/0264
65	12/396,155	LIQUID CRYSTAL COMPOSITE AND METHOD FOR PREPARING THE SAME	2009/03/02	7,914,861B2	2011/03/29	022339/0112
66	12/542,694	Backlight Module	2009/08/18	8,210,700B2	2012/07/03	023159/0766
67	12/551,508	CLAMPING DEVICE, BACKLIGHT MODULE, AND DISPLAY APPARATUS	2009/08/31	8,467,008	2013/06/18	023216/0279
68	12/698,156	BACKLIGHT MODULE	2010/02/02	8,109,663B2	2012/02/07	023880/0973
69	12/983,888	Lightbar device and display module thereof	2011/01/04	8,337,069B2	2012/12/25	025576/0514