

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zhiyuan CUI	12/18/2009
Injae CHUNG	12/21/2009
Namsoo KIM	12/18/2009

RECEIVING PARTY DATA

Name:	LG Display Co., Ltd.
Street Address:	20 Yoido-dong, Yongdungpo-Gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12646309

CORRESPONDENCE DATA

Fax Number: (202)739-3001
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Email: patents@morganlewis.com
 Correspondent Name: Collin W. Park
 Address Line 1: 1111 Pennsylvania Ave, NW
 Address Line 4: Washington, DISTRICT OF COLUMBIA 20004

ATTORNEY DOCKET NUMBER:	065543-5178
NAME OF SUBMITTER:	Robert J. Goodell

Total Attachments: 4
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**PATENT
 REEL: 023696 FRAME: 0493**

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DIGITAL-TO ANALOG CONVERTER

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on ____, (Application No. ____); and

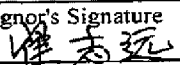
WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20 Yoido-Dong, Yongdungpo-Gu, Seoul, 150-721 Republic of Korea (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Name: Zhiyuan CUI	Assignor's Signature 	Date Dec. 18, 2009
Address 203, Chungbuk University Education Center, 410, Seongbong-ro, Heungduk-gu, Cheongju-si, Chungcheongbuk-do, Korea		Citizenship China
Full Name of Second Assignor Injae CHUNG	Assignor's Signature	Date
Address 704-504, Jugong Apartment, Byeoryang-dong, Gwacheon-si, Gyeonggi-do, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Full Name of Third Assignor Namsoo KIM	Assignor's Signature <i>Namsoo Kim</i>	Date Dec. 18, 2009
Address Chungbuk University Education Center, 410, Seongbong-ro, Heungduk-gu, Cheongju-si, Chungcheonbuk-do, Korea		Citizenship Korea
Full Name of Fourth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

DB1/64101324.1

ATTORNEY DOCKET NO.: 065543-5178
 SOLE/JOINT INVENTION
 (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DIGITAL-TO ANALOG CONVERTER

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on ____, (Application No. ____); and

WHEREAS, LG Display Co., Ltd., a corporation of Korea, whose post office address is 20 Yoido-Dong, Yongdungpo-Gu, Seoul, 150-721 Republic of Korea (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

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IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Name: Zhiyuan CUI	Assignor's Signature	Date
Address 203, Chungbuk University Education Center, 410, Seongbong-ro, Heungduk-gu, Cheongju-si, Chungcheongbuk-do, Korea		Citizenship China
Full Name of Second Assignor Injae CHUNG	Assignor's Signature <i>Injae Chung</i>	Date Dec. 21, 2009
Address 704-504, Jugong Apartment, Byeoryang-dong, Gwacheon-si, Gyeonggi-do, Korea		Citizenship Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

DB1/64101324.1

PATENT
 REEL: 023696 FRAME: 0497

Full Name of Third Assignor Namsoo KIM	Assignor's Signature	Date
Address Chungbuk University Education Center, 410, Seongbong-ro, Heungduk-gu, Cheongju-si, Chungcheonbuk-do, Korea		Citizenship Korea
Full Name of Fourth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

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