

10-15-2002



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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

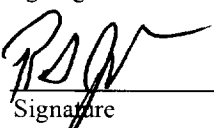
FORM PTO-1595
(Rev. 6-93)RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.: 049128-5014

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

<p>1. Name of conveying party(ies):</p> <p>Byeong Koo KIM Soon Kwang HONG Ju Cheon YEO</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: LG.Philips LCD Co., Ltd.</p> <p>Internal Address:</p> <p>Street Address: 20 Yoido-dong, Youngdungpo-gu,</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>Sept. 7, 2002 & Sept. 9, 2002</u></p>	<p>City: Seoul State: Korea Zip:</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. New Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application the execution date of the application is:</p> <p>A. Patent Application No.(s) <u>09/893,987</u> B. Patent No.(s)</p> <p>Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Robert J. Gaybrick</p> <p>Internal Address: Morgan, Lewis & Bockius LLP Customer No. 09629</p> <p>Street Address: 1111 Pennsylvania Avenue, N.W. City: Washington State: D.C. Zip: 20004</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 C.F.R. §3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 50-0310</p> <p>8. Deposit Account No. 50-0310 (Attach duplicate page if paying by deposit account)</p>
<p>9. Statement and Signature</p> <p>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.</p> <p>Robert J. Goodell, Reg. No. 41,040 Name of Person Signing</p> <p> Signature</p> <p>October 7, 2002 Date</p> <p>Total number of pages including cover sheet, attachments and documents: 3</p>	

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PATENT
REEL: 013367 FRAME: 0906

ASSIGNMENT

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

SHIFT REGISTER CIRCUIT

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on June 29, 2001, (Serial No. 09/893,987); and

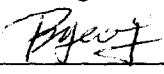
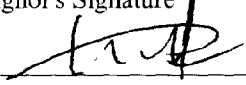
WHEREAS, LG. Philips LCD Co., Ltd., a corporation of Korea, whose post office address is 20 Yoido-dong, Youngdungpo-gu, Seoul, Korea (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be 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.

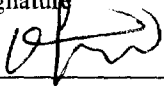
AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

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

Full Name of Sole or First Assignor	Assignor's Signature	Date
Byeong Koo KIM		Sep 7, 2002
Address #101-607, Dongyanghanshin Apartment, Songjung-dong, Kumi-shi, Kyoungsangbuk-do, Republic of Korea		Citizenship Republic of Korea
Full Name of Second Assignor	Assignor's Signature	Date
Soon Kwang HONG		Sep. 9, 2002
Address #1344-174, Ibsil-ri, Uidong-ub, Kyungju-shi, Kyoungsangbuk-do, Republic of Korea		Citizenship Republic of Korea

Names of additional inventors attached [X] Yes [] No

Morgan, Lewis & Bockius LLP

Full Name of Third Assignor	Assignor's Signature	Date
Ju Cheon YEO		Sep. 9. 2002
Address #203-1005, Buyoung Apartment, Okgye-dong, Kumi-shi, Kyoungsangbuk-do, Republic of Korea		Citizenship Republic of Korea

Names of additional inventors attached ☐ Yes ☒ No

Morgan, Lewis & Bockius LLP