

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kang Soo Seo</td> <td>06/15/2001</td> </tr> <tr> <td>Jea Yong Yoo</td> <td>06/15/2001</td> </tr> <tr> <td>Byung Jin Kim</td> <td>06/15/2001</td> </tr> <tr> <td>Hyung Sun Kim</td> <td>06/15/2001</td> </tr> </tbody> </table>		Name	Execution Date	Kang Soo Seo	06/15/2001	Jea Yong Yoo	06/15/2001	Byung Jin Kim	06/15/2001	Hyung Sun Kim	06/15/2001
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<table border="1"> <tr> <td>Name:</td> <td>LG Electronics Inc.</td> </tr> <tr> <td>Street Address:</td> <td>20, Yeouido-dong, Yeongdeungpo-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>150-721</td> </tr> </table>		Name:	LG Electronics Inc.	Street Address:	20, Yeouido-dong, Yeongdeungpo-gu	City:	Seoul	State/Country:	KOREA, REPUBLIC OF	Postal Code:	150-721
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CORRESPONDENCE DATA											
<p>Fax Number: 8777697945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (202) 626-7735        Email: apsi@fr.com        Correspondent Name: Andrew B. Patrick        Address Line 1: FISH &amp; RICHARDSON P.C.        Address Line 2: P.O.BOX 1022        Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	20211-0096006										
NAME OF SUBMITTER:	Sharon M. Allen										
Signature:	/Sharon M. Allen/										
Date:	09/25/2013										
Total Attachments: 1 source=20211-0096006 Assign#page1.tif											

CH \$40.00 13210788

PATENT

2080-3-28

## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

- (1) Kang Soo SEO (5)  
 (2) Jea Yong YOO (6)  
 (3) Byung Jin KIM (7)  
 (4) Hyung Sun KIM (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) LG Electronics Inc.

(10) Insert state of Incorporation of Assignee

(10) Republic of Korea

(11) Insert address of Assignee

(11) of 20, Yoido-dong, Youngdungpo-gu, Seoul,  
 150-010, Republic of Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number

(12) RECORDING MEDIUM CONTAINING SUPPLEMENTARY SERVICE INFORMATION FOR AUDIO/VIDEO CONTENTS, AND METHOD AND APPARATUS OF PROVIDING SUPPLEMENTARY SERVICE INFORMATION OF THE RECORDING MEDIUM for which the undersigned has (have) executed an application to patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) Insert Date of Signing of Application

(13)

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints JONATHAN Y. KANG, REG. NO. 38,199; RICHARD K. YOON, REG. NO. 42,211; EDWARD GRAY, REG. NO. 35,166; DAVID N. MAKOUS, REG. NO. 29,559; JOHN S. CHRISTOPHER, REG. NO. 30,937

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: June 15, 2001 Signature of Inventor

Date: June 15, 2001 Signature of Inventor

Date: June 15, 2001 Signature of Inventor

Date: June 15, 2001 Signature of Inventor

RECORDED: 06/25/2001

RECORDED: 09/25/2013

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