

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>Taeho KIM</td> <td>03/07/2013</td> </tr> <tr> <td>Namhun KIM</td> <td>03/04/2013</td> </tr> <tr> <td>Yoonkyeong LEE</td> <td>03/04/2013</td> </tr> <tr> <td>Junki KIM</td> <td>03/07/2013</td> </tr> <tr> <td>Ilsub YOON</td> <td>03/04/2013</td> </tr> <tr> <td>Dongwon CHOI</td> <td>03/06/2013</td> </tr> <tr> <td>Kyoyoon KOO</td> <td>03/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Taeho KIM	03/07/2013	Namhun KIM	03/04/2013	Yoonkyeong LEE	03/04/2013	Junki KIM	03/07/2013	Ilsub YOON	03/04/2013	Dongwon CHOI	03/06/2013	Kyoyoon KOO	03/04/2013
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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																	
Fax Number: 2027393001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202.739.3000 Email: patents@morganlewis.com, ateckman@morganlewis.com Correspondent Name: Robert J. Gaybrick Address Line 1: 1111 Pennsylvania Ave, NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20004																	
ATTORNEY DOCKET NUMBER:	001082-7182																

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NAME OF SUBMITTER:	Robert J. Goodell
Signature:	/Robert J. Goodell/
Date:	07/15/2013
Total Attachments: 2 source=001082-7182-Assignment#page1.tif source=001082-7182-Assignment#page2.tif	

ATTORNEY DOCKET NO. _____
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:

TELEVISION RECEIVER

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

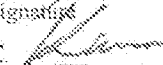
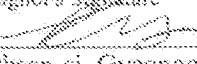
WHEREAS, LG ELECTRONICS INC., a corporation of Republic of Korea, whose post office address is 20 Yeonido-dong Yeongdeungpo-gu Seoul 150-721 Republic of Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

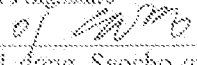
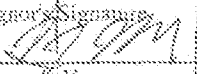
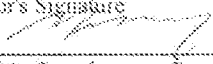
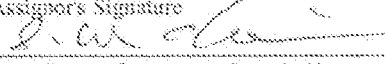
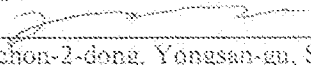
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, 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	Assignor's Signature	Date
Tae-ho KIM		12.3.7
Address: 102-701 (Gumi-dong, Achaesan Humansia), Cheonho-daero 716 Gwangjin-gu, Seoul, Korea		Citizenship Republic of Korea
Full Name of Second Assignor	Assignor's Signature	Date
Nam-hun KIM		4. Mar. 13
Address: I-Park Apt. 107-1102, Gohyun-dong, Ohseon-si, Gyeonggi-do, Korea		Citizenship Republic of Korea
Names of additional inventors attached ☒ Yes ☐ No		

Full Name of Third Assignor Yoonkyeong LEE	Assignor's Signature 	Date Mar. 4, 13
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Full Name of Fourth Assignor Junki KIM	Assignor's Signature 	Date 13. 3. 7
Address Dongcheon-dong 698-21, Gwanak-gu, Seoul, Korea		Citizenship Republic of Korea
Full Name of Fifth Assignor Hsub YOON	Assignor's Signature 	Date Mar. 4, 13
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Full Name of Sixth Assignor Dongwon CHOI	Assignor's Signature 	Date March 1, 2013
Address Hyperion 2-Cha 201-1403, Mok-1-dong, Yangcheon-gu, Seoul, Korea		Citizenship Republic of Korea
Full Name of Seventh Assignor Kyoyoon KOO	Assignor's Signature 	Date March 4, 13
Address Bukhankang Seongwon Apt. 101-104, Ichon-2-dong, Yongsan-gu, Seoul, Korea		Citizenship Republic of Korea
Names of additional inventors attached ☐ Yes ☒ No		