502791043 05/01/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAK SEONG KIM	04/09/2014
HAN BYUL SEO	04/09/2014

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.	
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City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	150-721	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14355409	

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ATTORNEY DOCKET NUMBER:	5438-0556PUS1	
NAME OF SUBMITTER:	TAN TU	
SIGNATURE:	/Tu T. Tan/	
DATE SIGNED:	04/30/2014	

Total Attachments: 2

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PATENT 502791043 REEL: 032798 FRAME: 0278

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No.	14/355,409	Filed	April 30, 2014		
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))*** WHEREAS, KIM, Hak Seong and SEO, Han Byul (hereinafter designated as the undersigned) ha				
	(have) invented certain new and usef		designated as the undersigned) has		
Insert Title of Invention					
Insert Date of Signing of	on <u>April 09, 2014</u>		; and		
Application Insert Name	WHEREAS, LG ELECTRONICS	INC.			
of Assignee Insert Address of Assignee	of 20 Yeouido-dong Yeongdeungpo-	gu Seoul 150-721 Republic	of Korea		
СНЕСК ВОХ	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letter Patent(s) that may be granted therefor in the United States of America and x in any foreign countries.				
IF APPROPRIATE	paid, the receipt of which is hereb undersigned has (have) sold, assign transfer unto said Assignee the full America, its territories, dependencie any and all Letters Patent(s) which	y acknowledged, and other ned and transferred, and by and exclusive right to the s and possessions and the e n may be granted therefor	rs (\$10.00) to the undersigned in hand good and valuable consideration, the these presents does sell, assign and said invention in the United States of entire right, title and interest in and to in the United States of America, its is designated, in any and all foreign		
	and to any and all divisions, reissurterm or terms for which the same ma		ns and extensions thereof for the full		
	The undersigned agree(s) to execute ng, divisional, conversion or reissue on with such applications as the Assig	applications thereof and als	nection with this application and any o to execute separate assignments in expedient.		

may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree (s) to execute all papers necessary in connection with any interference which

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

ATTORNEY DOCKET NO.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Name of Inventor 7/ 25/
(signature) KIM, Hak Seong

Date 2014, 4, 9

Name of Inventor

RECORDED: 05/01/2014