505715315 10/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5762125

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seyoung WOO	02/03/2016
Joonho PYO	02/03/2016
Daegyu KIM	02/03/2016
TAEHEE LEE	02/03/2016

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16536423

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (202) 626-6363 Email: apsi@fr.com **Correspondent Name:** KARINA CALLISTE

FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	19819-0703003
NAME OF SUBMITTER:	LYNDZIE HAMM
SIGNATURE:	/Lyndzie Hamm/
DATE SIGNED:	10/09/2019

Total Attachments: 3

source=Assignment 0703003#page1.tif source=Assignment_0703003#page2.tif

> **PATENT REEL: 050668 FRAME: 0109** 505715315

source=Assignment_0703003#page3.tif

PATENT REEL: 050668 FRAME: 0110

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Sevoung WOO, Joonho PYO, Daegyu KIM, and Tachee LEE, each individually assign to LG ELECTRONICS INC., a corporation formed under the laws of KOREA and having a principal place of business at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Korea, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "DISH WASHER," and was filed in the United States Patent and Trademark Office on February 4, 2016, as application 15/015,243 (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Assignment Page 1 of 2

Seyoung Woo	Date: 2016.02.03
Joenho pyo Joenho PYO	Date: 20/6.02.03
Daegyu Kim Daegyu KIM	Date: 2016.01.03
TAEHEE LEE	Date: 2016.02.03
The Assignee hereby acknowledges and a	accepts the foregoing assignment.
Assignee: LG ELECTRONICS INC.	$eta = \mathbf{G} \cdot \mathbf{G} \cdot \mathbf{G} \cdot \mathbf{G}$
Signature:	Date:
Name:	
Title:	

41163470.doc

Attorney Docket No.: 20519-0202001 / 16FLSL006US01/PO16-09025US

Seyoung WOO	Date:
	Date:
oonho PYO	Date:
Daegyu KIM	
AEHEE LEE	Date:
AFHEE LEE	Date:
TAEHEE LEE The Assignee hereby acknowledges a	
TAEHEE LEE The Assignee hereby acknowledges a Assignee: LG ELECTRONICS INC	
	nd accepts the foregoing assignment.

Assignment Page 2 of 2

PATENT REEL: 050668 FRAME: 0113