505861112 01/13/2020

EPAS ID: PAT5908049

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jinwoo SEO	06/30/2016
Sangjin KIM	06/29/2016
Jihong LEE	06/29/2016

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:	16544634	

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) 626-6404

Email: stadnick@fr.com, apsi@fr.com

SAM L. WILLIAMS **Correspondent Name:**

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 19819-0694002 **NAME OF SUBMITTER:** SHANNON STADNICK SIGNATURE: /Shannon Stadnick/ **DATE SIGNED:** 01/13/2020

Total Attachments: 3

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> **PATENT** REEL: 051498 FRAME: 0007 505861112

Attorney Docket No.: 19819-0694001 / OPP-AZ-2016-0030-US-00/HA; 16FLWW036US01

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Jinwoo SEO, Sangjin KIM, and Jihong LEE, each individually assign to LG Electronics Inc., a corporation formed under the laws of Republic of Korea, and having a principal place of business at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336 Republic of 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 "LAUNDRY TREATMENT APPARATUS," and was filed in the United States Patent and Trademark Office on June 30, 2016, as application 15/198,548 (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

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Jinwoo SEO			ingenenialenennen disentit tis	
	Date:			
Sangjin KIM				
	Date:			
Jihong LEE				
The Assignee hereby acknowled	lges and accepts the fo	oregoing assignm	ent.	
Assignee: LG ELECTRONICS				
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Signature:			C	
Name:				en eggene general og state. Grande general og skalende sk
Title:				

Assignment Page 2 of 2

PATENT REEL: 051498 FRAME: 0009

	Date:
Jinwoo SEO	
Sangjir KIM	Date: 16 × 5 · 7°
Jihong LEE	Date:
Jihong LEE	
The Assignee hereby acknowledges and	accepts the foregoing assignment.
Assignee: LG ELECTRONICS INC.	
Signature:	
Name:	
Title:	
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Assignment Page 2 of 2

PATENT REEL: 051498 FRAME: 0010