

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5916661

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIHYUN KIM	01/14/2020
DONGHAN KIM	01/14/2020
CHOHEE OH	01/14/2020
SEOJIN LEE	01/13/2020
TAEGYU JIN	01/13/2020
SANGHYUN HONG	01/13/2020
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUNI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16631931
CORRESPONDENCE DATA	
Fax Number:	(703)766-3644
<i>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.</i>	
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Correspondent Name:	KED & ASSOCIATES, LLP
Address Line 1:	P.O. BOX 8638
Address Line 4:	RESTON, VIRGINIA 20195
ATTORNEY DOCKET NUMBER:	P-1649
NAME OF SUBMITTER:	CAROL L. DRUZBICK
SIGNATURE:	/Carol L. Druzbeck/
DATE SIGNED:	01/17/2020
Total Attachments: 4	

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JIHYUN KIM, DONGHAN KIM, CHOHEE OH, SEOJIN LEE, TAEGYU JIN and SANGHYUN HONG, each individually assigns 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 invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "HEAT EXCHANGER," and was or will be filed in the United States Patent and Trademark Office on _____, as application _____ (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns, in addition to the Subject Matter of the Application, (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 and under every treaty or convention, (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.

Jihyun Kim
Jihyun KIM

Date: Jan 14. 2020

Witnessed by:

Signature: _____

Date: _____

Print Name: _____

Signature: _____

Date: _____

Print Name: _____

Donghan Kim
Donghan KIM

Date: 2020 . 1. 14

Witnessed by:

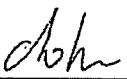
Signature: _____

Date: _____

Print Name: _____

Signature: _____

Date: _____


Chohee OH

Date: Jan 14, 2020

Witnessed by:

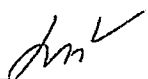
Signature: _____

Date: _____

Print Name: _____

Signature: _____

Date: _____


Seojin LEE

Date: Jan 13, 2020

Witnessed by:

Signature: _____

Date: _____

Print Name: _____

Signature: _____

Date: _____

Taegyu Jin
Taegyu JIN

Date: Jan 13, 2020

Witnessed by:

Signature: _____

Date: _____

Print Name: _____

Signature: _____

Date: _____

Sanghyun Hong
Sanghyun HONG

Date: Jan. 13. 2020

Witnessed by:

Signature: _____

Date: _____

Print Name: _____

Signature: _____

Date: _____