

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNGBAE HWANG	07/29/2020
SANGYOUNG SONG	07/27/2020
TAEKGI LEE	07/29/2020
JINRAE CHO	07/27/2020
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
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State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16965654
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NAME OF SUBMITTER:	CECELIA BROWN
SIGNATURE:	/CECELIA BROWN/
DATE SIGNED:	07/29/2020
Total Attachments: 4	
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SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No.

ASSIGNMENT

WHEREAS I/We are the below-named inventor(s) (hereinafter referred to as Assignor(s)) of an invention entitled:

CLEANER

as disclosed and claimed in the application for United States Letters Patent filed concurrently herewith; and

WHEREAS, **LG ELECTRONICS INC.**, a corporation of the **Republic of Korea**, whose post office address is **128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

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, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request that any official of any country whose duty it is to issue patents on applications as described above, 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 covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE 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 any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or 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 and any foreign country, 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 authorize and request a patent practitioner of record in this application, to insert the filing date, country of filing, and application number of the above-referenced application(s) when known.

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

ASSIGNOR (Inventor 1)



Signature

HWANG, Jungbae

Print Name

2020. 7. 29

Execution Date

ASSIGNOR (Inventor 2)

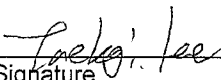
Signature

SONG, Sangyoung

Print Name

Execution Date

ASSIGNOR (Inventor 3)



Signature

LEE, Taekgi

Print Name

2020. 07. 29

Execution Date

ASSIGNOR (Inventor 4)

Signature

CHO, Jinrae

Print Name

Execution Date

SOLE/JOINT INVENTION
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Attorney Docket No.

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ASSIGNOR (Inventor 1)

Signature

HWANG, Jungbae
Print Name

Execution Date

ASSIGNOR (Inventor 2)

Signature

SONG, Sangyoung
Print Name

Execution Date

ASSIGNOR (Inventor 3)

Signature

LEE, Taekgi
Print Name

Execution Date

ASSIGNOR (Inventor 4)



Signature

CHO, Jinrae
Print Name

2020. 7. 27

Execution Date

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

ASSIGNOR (Inventor 1)

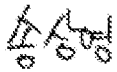
Signature

HWANG, Jungbae

Print Name

Execution Date

ASSIGNOR (Inventor 2)



Signature

SONG, Sangyoung

Print Name

July 27, 2020

Execution Date

ASSIGNOR (Inventor 3)

Signature

LEE, Taekgi

Print Name

Execution Date

ASSIGNOR (Inventor 4)

Signature

CHO, Jinrae

Print Name

Execution Date