PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEEJIN KIM	01/31/2018
JIWON KANG	01/31/2018
KITAE KIM	02/02/2018
KILBOM LEE	01/31/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15760007	

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ATTORNEY DOCKET NUMBER:	0465-6490PUS1
NAME OF SUBMITTER:	DERYA SEVINC
SIGNATURE:	/Derya Sevinc/
DATE SIGNED:	03/22/2018

Total Attachments: 4

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U.S. Application No.: 15/760,007 Filed Date: 03/14/18

LGE Ref.: 15FASL1200PC01US01 (SSO)

Attorney Docket No. 0465-6490PUS1

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DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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Appropriate

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters 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 agrees 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 agrees 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 authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) 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 the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

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

 \boxtimes Additional inventors are being named on the <u>1</u> supplemental sheet(s) attached hereto.

LEGAL NAME OF INVENTOR	
Inventor's Name ⇒ Inventor: KIM, Heejin	Date: $2018/01/31$
Inventor's Signature ⇒ Signature:	
An application data sheet (PTO/SB/14 or equivalent), including naming the entire invertuse a separate form for each inventor; or check the box below and complete the attached	ntive entity, must accompany this form. I page(s) to list additional inventors.

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SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

Inventor's Signature ⇒Signature:

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name

→ Inventor: KIM, Kitae Date: Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: LEE, Kilbom Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: _____ Date: ____ Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: _____ Date: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Date:

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PATENT REEL: 045316 FRAME: 0689

LGE Ref.: 15FASL1200PC01US01 (SSO) Attorney Docket No. 0465-6490PUS1

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

	LEGAL N.	AME OF JOINT INVENTOR, IF ANY	
liiveutor's Nome ===	* Inventor:	KANG, Jiwon	Date:
Inventor's Signature ×	⇒ Signature:		
	LEGAL N.	AME OF JOINT INVENTOR, IF ANY	
inventor's Name	• Inventor:	KIM, Kijae	Date: 0. Feb. 20/8
Inventor's Signature	> Signature:	RIM, Kitae	
		AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	LEE, Kilbom	Date:
Inventor's Signature	⇒Signature:	×	
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RECORDED: 03/22/2018