

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YONG JIN KIM	07/15/2016
DONG KUN LEE	07/17/2016
DOO SOO KIM	07/15/2016
RECEIVING PARTY DATA	
Name:	LG SILTRON INC.
Street Address:	53 IMSU-RO GUMI-SI
City:	GYEONGSANGBUK-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	730-724
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13057136
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	SILT-008 (152723-082221)
NAME OF SUBMITTER:	ROBYNE ORLANDO
SIGNATURE:	/Robyne Orlando/
DATE SIGNED:	07/18/2016
Total Attachments: 3	
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ASSIGNMENT

THIS ASSIGNMENT, by Yong Jin KIM, Dong Kun LEE, and Doo Soo KIM (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements, which are described in United States patent application 13/057,136 entitled Semiconductor Device, Light Emitting Device and Method of Manufacturing Same and filed September 19, 2011;

WHEREAS LG Siltron Inc., a body having corporate powers under the laws of Korea and having a principal place of business at 53 Insa-ro Gumi-si Gyeongsangbuk-do 730-724 Republic of Korea (hereinafter referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

2. Said Assignors hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors were the lawful owners of the entire right, title, and interest in and to said inventions and said applications for Letters Patent, and that the same had not entered into any assignment, contract or understanding in conflict herewith.

3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title, and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said applications, any applications which are a division, continuation, or continuation-in-part of said applications, any reissue application for any Letters Patent granted on said applications, or for any interference proceeding involving said applications or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said applications, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings, and court actions.

4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns, and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives, and assigns.

5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the Assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below:

<u>Yong Jin Kim</u>	<u>July 15, 2016</u>	<u>Dong Kun LEE</u>	<u> </u>
Yong Jin KIM	Date	Dong Kun LEE	Date
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Doo Soo KIM	Date		

ASSIGNMENT

THIS ASSIGNMENT is by Yang Jin KIM, Dong Hyeon LEE, and Doo Nam KIM (hereinafter referred to as the Assignors), to:

SAMSUNG ELECTRONICS CO., LTD., a corporation having corporate offices in the United States of America, which are described in United States patent application 10/997,136 entitled "Semiconductor Device, Light Emitting Device and Method of Manufacturing Same" and filed September 19, 2001.

SAMSUNG ELECTRONICS CO., LTD., a body having corporate offices under the laws of Korea and having a principal place of business at 38 Samsung Town at Yongsonggongbuk-da 730-732 Republic of Korea (hereinafter referred to as the Assignor), is desirous of obtaining the patent right, title and interest in and to said inventions and said applications for Letters Patent and in and to any Letters Patent, United States or foreign, to be obtained therefrom and thereon, and to any and all improvements which are described in said applications for Letters Patent.

IN WITNESS WHEREOF, the said and valuable consideration, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignor the patent right, title, and interest in, to, and under said inventions and applications for Letters Patent, any Letters Patent which may be granted for said inventions in the United States of America and any foreign country, any division, continuation, or continuation-in-part of said applications, any renewal or extension of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, said right, title, and interest to be held and enjoyed by said Assignor for its own use and behoof in the full and entire term for which Letters Patent may be granted, to fully and entirely, as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

2. Said Assignors hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors were the lawful owners of the patent right, title, and interest in and to said inventions and said applications for Letters Patent, and that the same had not entered into any assignment contract or understanding in writing heretofore.

3. Said Assignors hereby warrant and agree to make and defend, with said Assignor, wherever said Assignor may move in the future, against said right, title, and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignor in making such assistance and cooperation be paid by Assignor. Such cooperation shall include: (a) prompt execution of all papers prepared at the expense of Assignor that are deemed necessary or desirable by Assignor to perfect said right, title and interest herein conveyed; (b) prompt execution of all affidavits, oaths, specifications, declarations and other papers prepared at the expense of Assignor that are deemed necessary or desirable by Assignor for filing or prosecuting in the United States or any foreign country, said applications, any applications which are a division, continuation, or continuation-in-part of said applications, any renewal, extension for any Letters Patent granted on said applications, or for any interference proceeding involving said applications, or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions and applications, or Letters Patent granted thereon, including oppositions, cancellations proceedings, priority contests, refile and proceedings and court actions.

4. The entire proceeds and benefits of this Assignment shall inure to the benefit of said Assignor, its successors, assigns, and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives, and assigns.

5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignor as the Assignor of said inventions.

IN WITNESS WHEREOF, said Assignors have executed and delivered this instrument on the date and at the place

Yang Jin KIM _____ Date _____ Dong Hyeon LEE _____ Date _____ Doo Nam KIM _____ Date _____

Date _____

ASSIGNMENT

THIS ASSIGNMENT, by Yong Jin KIM, Dong Kun LEE, and Doo Soo KIM (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements, which are described in United States patent application 13/057,136 entitled Semiconductor Device, Light Emitting Device and Method of Manufacturing Same and filed September 19, 2011;

WHEREAS LG Siltron Inc., a body having corporate powers under the laws of Korea and having a principal place of business at 53 Imsu-ro Gumi-si Gyeongsangbuk-do 730-724 Republic of Korea (hereinafter referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors were the lawful owners of the entire right, title, and interest in and to said inventions and said applications for Letters Patent, and that the same had not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title, and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said applications, any applications which are a division, continuation, or continuation-in-part of said applications, any reissue application for any Letters Patent granted on said applications, or for any interference proceeding involving said applications or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said applications, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings, and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns, and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives, and assigns.
5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the Assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below:

Yong Jin KIM

Date

Dong Kun LEE

Date

Doo Soo KIM

Date

July 15, 2016

PATENT