

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOSHIBA MATERIALS CO., LTD.	12/28/2021
RECEIVING PARTY DATA	
Name:	SEOUL SEMICONDUCTOR CO., LTD.
Street Address:	97-11, SANDAN-RO 163 BEON-GIL, DANWON-GU
Internal Address:	ANSAN-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	15429
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17161841
CORRESPONDENCE DATA	
Fax Number:	
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Correspondent Name:	BURRIS LAW, PLLC
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Address Line 2:	SUITE 1775
Address Line 4:	DETROIT, MICHIGAN 48207
ATTORNEY DOCKET NUMBER:	0500S-000040/US/COB
NAME OF SUBMITTER:	LAVONDA PACE
SIGNATURE:	/LAVONDA PACE/
DATE SIGNED:	01/20/2022
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, TOSHIBA MATERIALS CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 8, Shinsugita-Cho, Isogo-Ku, Yokohama-Shi, Kanagawa-Ken, 235-8522 Japan, hereinafter called the "Assignor", has acquired the entire right, title and interest in and to the invention described in United States Patent Application Serial No. 17/161,841 ("the '841 Application"), entitled WHITE LIGHT SOURCE INCLUDING LED AND PHOSPHORS, as shown in the Assignments executed on June 8, 2021, and recorded at REEL/FRAME No. 057089/0952 (Exhibit A), including but not limited to:

- (i) the entire right, title, and interest in and to the invention described in United States Patent Application Serial No. 16/196,095 ("the '095 Application"), now U.S. Patent No. 10,957,826, filed November 20, 2018, entitled WHITE LIGHT SOURCE INCLUDING LED AND PHOSPHORS, as shown in the Assignments executed on June 8, 2021, and recorded at REEL/FRAME No. 057089/0601 (Exhibit B), and to which the '841 Application claims priority as a continuation; and
- (ii) the entire right, title, and interest in and to the invention described in International Patent Application Serial No. PCT/JP2017/018892, filed May 19, 2017, entitled WHITE LIGHT SOURCE as shown in the Assignments executed on October 26, 2018, and recorded at REEL/FRAME No. 047551/0671 (Exhibit C), and to which the '095 Application claims priority as a continuation.

WHEREAS the Assignor desires to assign all of its right, title and interest in and to United States Patent Application Serial No. 17/161,841 to SEOUL SEMICONDUCTOR CO., LTD., a corporation organized and existing under the laws of Republic of Korea, having a place of business at 97-11, Sandan-ro 163 beon-gil, Danwan-gu, Ansan-si, Republic of Korea, hereinafter called the "Assignee"; and

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the

Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the Assignor's right, title and interest for the United States in and to the invention and the patent application identified above, any and all applications claiming the benefit thereof including the right of priority, and any patents that may issue for said invention in the United States; together with the Assignor's right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the Assignor's right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

THE ASSIGNOR hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee and in the prosecution of the patent application identified above, in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

THE ASSIGNOR hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Agreement; and

THE COMMISSIONER of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment, and the Assignor requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as

aforesaid, to issue said Letters Patent, Utility Model Registration, or Inventor's Certificate to the Assignee.


IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: December 28, 2021

Katsuaki Aoki
(Signature)

Katsuaki AOKI
(Printed Name)
TOSHIBA MATERIALS CO., LTD.

Dated: January 19, 2022


(Signature)

Kihon, Kim
(Printed Name)
SEOUL SEMICONDUCTOR CO., LTD.