

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5751521

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAE-BAK SHIM	10/01/2019
YOUNGJAE LIM	10/01/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEMES CO., LTD.
<b>Street Address:</b>	77, 4SANDAN 5-GIL
<b>City:</b>	CHEONAN-SI, CHUNGCHEONGNAM-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16591514
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<b>ATTORNEY DOCKET NUMBER:</b>	122296-055UT1
<b>NAME OF SUBMITTER:</b>	JESSICA R. GROSS
<b>SIGNATURE:</b>	/Jessica R. Gross/
<b>DATE SIGNED:</b>	10/02/2019
<b>Total Attachments: 1</b>	
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## Assignment

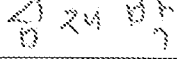
Whereas, We, **Jae-Bak SHIM**, of Seoul, Republic of Korea, and **Youngjae LIM**, of Gyeonggi-do, Republic of Korea, hereinafter called assignors, have invented certain improvements in **APPARATUS AND METHOD FOR TREATING SUBSTRATE** and executed an application for Letters Patent of the United States of America therefor; and

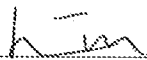
Whereas, **SEMES CO., LTD.** of 77, 4sandan 5-gil, Jiksan-eup, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Republic of Korea, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and We request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and We hereby agree that the assignee may apply for foreign Letters Patent on the invention and We will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys PROCOPIO, CORY, HARGREAVES & SAVITCH LLP of 525 B Street Suite 2200, San Diego, CA 92101 to insert here in parentheses (Application number 16/591,514 and Confirmation number 7738, filed October 2, 2019) the application number, confirmation number and filing date of said application when known.

Date: 10-1-2019   
s/ Jae-Bak SHIM

Date: 10.1.2019   
s/ Youngjae LIM

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

**PATENT**

**REEL: 050609 FRAME: 0071**