

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SOLUM HOLDINGS CO., LTD.	10/20/2022
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	25457
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13635900
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<b>SIGNATURE:</b>	/Shin-chih Hu/
<b>DATE SIGNED:</b>	10/28/2022
<b>Total Attachments: 2</b>	
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source=PO12-0133-US_Deed of Assignment#page2.tif	

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, SOLUM HOLDINGS CO., LTD., of #105, Business Incubator, Gangneung-Wonju National University, Jukheon-gil 7, Gangneung-si, Gangwon-do 25457, Republic of Korea, hereinafter referred to as "ASSIGNOR," is an assignee by assignment recorded in the U.S. Patent and Trademark Office of the inventions described and set forth in the Applications for United States Letters Patent and United States Letters Patent identified in the Appendix attached hereto;

WHEREAS, JEONG, Hyo Tae, CEO, and authorized representative at SOLUM HOLDINGS CO., LTD. is a duly authorized representative of SOLUM HOLDINGS CO., LTD., having authority to sell, assign, and transfer to a third party the below-identified Applications for United States Letters Patent and United States Letters Patent in the Appendix attached hereto.

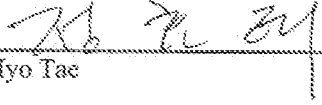
WHEREAS, SOLUM ADVANCED MATERIALS CO., LTD., of 201, Gangneung-Wonju National University (GWNNU) Center for Scientific Instruments, 7, Jukheon-gil, Gangneung-si, Gangwon-do 25457, Republic of Korea, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an entirety of ASSIGNOR'S interest in the said inventions and applications and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign, and transfer unto the said Assignee, and Assignee's successors and assigns, 100% of their right, title, and interest in and to the said inventions, application, and U.S. Letters Patent including any corresponding foreign application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed this Assignment on the date indicated.

October 20, 2022  
Date:

Signature:   
Name: JEONG, Hyo Tae  
Title: CEO

APPENDIX

Title of Invention	Application Number	Filing Date	Patent Number	Issue Date	Reel	Frame
ASYMMETRIC ROLLING DEVICE, ASYMMETRIC ROLLING METHOD AND ROLLED MATERIAL MANUFACTURED USING SAME	13/635,900	March 15, 2011	9,421,592	August 23, 2016	044705	0840