PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7925912

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	12/01/2022

CONVEYING PARTY DATA

Name	Execution Date
HANWHA GLOBAL ASSET CORPORATION	04/06/2023

RECEIVING PARTY DATA

Name:	HANWHA ADVANCED MATERIALS CORPORATION	
Street Address:	25F, 86 CHEONGGYECHEON-RO, JUNG-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	04541	

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	11242429
Patent Number:	11459441
Patent Number:	9068075

CORRESPONDENCE DATA

(703)739-2815 Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: recordals@clarivate.com **Correspondent Name:** CPA GLOBAL LIMITED Address Line 1: LIBERATION HOUSE **CASTLE STREET** Address Line 2:

Address Line 4: ST HELIER, JERSEY JE1 1BL

NAME OF SUBMITTER:	HELEN BIRRELL	
SIGNATURE:	/IPR/AC/MarkproHANWHA(IPR2023_020/AG3PT/	
DATE SIGNED:	04/28/2023	

Total Attachments: 2

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PATENT REEL: 063474 FRAME: 0047 507878782

ASSIGNMENT

WHEREAS, Hanwha Global Asset Corporation ("ASSIGNOR"), a Corporation organized under the laws of REPUBLIC OF KOREA, with a place of business at 79-20 Geumhoangol-gil, Bugang-myeon, Sejong-si, Republic of Korea, Co-owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

WHEREAS, Hanwha Advanced Materials Corporation ("ASSIGNEE"), a Corporation organized under the laws of Republic of Korea, with a place of business at 25F, 86 Cheonggyecheon-ro, Jung-gu, Seoul, 04541, Republic of Korea, desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: 12/1/2022

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

Hanwha Global Asset Corporation

Name:Rakjong Jung

Title: Manager Date: 4/6/2023

Hanwha Advanced Materials Corporation

Name:Namsik Moon

Title: Head of Planning Team

Date: 4/6/2023

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Schedule

Country		IP Grant Number
USA	14144912	9068075
USA	16736030	11242429
USA	16567832	11459441

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RECORDED: 04/28/2023

PATENT REEL: 063474 FRAME: 0049