### 506003218 04/07/2020

# **PATENT ASSIGNMENT COVER SHEET**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUKWON HONG	03/03/2020
MINKYU KYEONG	03/03/2020

#### **RECEIVING PARTY DATA**

Name:	GWANGJU INSTITUTE OF SCIENCE AND TECHNOLOGY	
Street Address:	123, CHEOMDANGWAGI-RO, BUK-GU	
City:	GWANGJU	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	61005	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16643726

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	YOON S. HAM
SIGNATURE:	/Yoon S. Ham/
DATE SIGNED:	04/07/2020

**Total Attachments: 1** 

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PATENT 506003218 REEL: 052331 FRAME: 0437

Docket No.: 124963-0003

## ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficien	су
of which is hereby acknowledged, the undersigned,	

1)	Sukwon HONG	2)	Minkyu KYEONG
3)		4)	
5)			x box if continued on page 2

who has made a certain new and useful invention, hereby sells, assigns and transfers unto **GWANGJU INSTITUTE OF SCIENCE AND TECHNOLOGY** having a place of business at **123**, **Cheomdangwagi- ro**, **Buk-gu**, **Gwangju**, **61005**, **Republic of Korea**, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C.
100 in the invention entitled:

# BODIPY-BASED COPOLYMER AND SOLAR CELL COMPRISING SAME

<b>(a)</b>	for which an application for United States Letters Patent was filed on	and	identified l	by	United
	States Patent Application No				
(b)	for which an application for United States Letters Patent was executed on				

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

- Calcion - 2 )	March 3, 2020
Sukwon HONG	Date
2)	2020,03,03
Minkyu KYEONG	Date