

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4682473

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIL NAM LEE	10/19/2017
JAE CHUL AHN	10/19/2017
IN SEOK OH	10/19/2017
SANG HAK LEE	10/19/2017
JAE BAEK LEE	10/19/2017
HYUN JAI LIM	10/19/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SKC KOLON PI INC.
<b>Street Address:</b>	27, GODEUNG 1-GIL
<b>City:</b>	JINCHEON-GUN
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15720753
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)755-7306
<i>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.</i>	
<b>Phone:</b>	2123263939
<b>Email:</b>	Ymoon@jonesday.com, wtokmakidis@jonesday.com,pjiang@jonesday.com
<b>Correspondent Name:</b>	JONES DAY
<b>Address Line 1:</b>	250 VESEY STREET
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10281
<b>ATTORNEY DOCKET NUMBER:</b>	13181-002-999
<b>NAME OF SUBMITTER:</b>	YEAH-SIL MOON
<b>SIGNATURE:</b>	/Yeah-Sil Moon/
<b>DATE SIGNED:</b>	11/09/2017
<b>Total Attachments: 2</b> source=Assignment#page1.tif	



JOINT

ASSIGNMENT

WHEREAS, WE, Kil Nam LEE, a citizen of Republic of Korea, residing at (14507) 2219-1202, 81, Gyeonam-ro, Bucheon-si, Gyeonggi-do, Korea; Jae Chul AHN, a citizen of Republic of Korea, residing at (39347) 104-1305, 186-20 Cumi-daero, Gumi-si, Gyeongsangbuk-do, Korea; In Seok OH, a citizen of Republic of Korea, residing at (42063) 46-11, Hwarang-ro 42-gil, Suseong-gu, Daegu, Korea; Sang Hak LEE, a citizen of Republic of Korea, residing at (39342) 109-2802, 76, Parkchungheo-ro, Gumi-si, Gyeongsangbuk-do, Korea; Jae Baek LEE, a citizen of Republic of Korea, residing at (41543) 101-110, 2, Daegucheyukgwan-ro 4-gil, Buk-gu, Daegu, Korea; and Hyun Jai LIM, a citizen of Republic of Korea, residing at (39146) 105-405, 121, Deulseong-ro, Gyeon-eup, Gumi-si, Gyeongsangbuk-do, Korea, are the inventors of the invention in

ULTRA-THIN BLACK POLYIMIDE FILM AND METHOD FOR PREPARING THE SAME

- ☒ which is identified by Jones Day docket no. 13191-002-999
☒ for Application number, 15/720,753 filed September 29, 2017

and WHEREAS, SKC KOLON PI Inc., of 27, Godeung 1-gil, Iwol-myeon, Jincheon-gun, Chungcheongbuk-do, Republic of Korea, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, WE hereunto set our hand and seal the day and year set opposite our signature.

Date October 19, 2017, 2017 Kil Nam LEE
Date October 19, 2017, 2017 Witnessed By Hyun Jai LIM
Date Nov. 3, 2017, 2017 Witnessed By Myung Sik YU
Date October 19, 2017, 2017 Jae Chul AHN
Date October 19, 2017, 2017 Witnessed By Sang Hak LEE
Date Nov. 3, 2017, 2017 Witnessed By Myung Sik YU

Date	<u>October 19</u>	, 2017	<u>이승호</u>	_____	L.S.
			In Seok OH		
Date	<u>October 19</u>	, 2017	<u>이재백</u>	_____	L.S.
			Witnessed By Jae Baek LEE		
Date	<u>Nov. 3</u>	, 2017	<u>유병석</u>	_____	L.S.
			Witnessed By Myung Sik YU		
Date	<u>October 19</u>	, 2017	<u>이상학</u>	_____	L.S.
			Sang Hak LEE		
Date	<u>October 19</u>	, 2017	<u>이승호</u>	_____	L.S.
			Witnessed By In Seok OH		
Date	<u>Nov. 3</u>	, 2017	<u>유병석</u>	_____	L.S.
			Witnessed By Myung Sik YU		
Date	<u>October 19</u>	, 2017	<u>이재백</u>	_____	L.S.
			Jae Baek LEE		
Date	<u>October 19</u>	, 2017	<u>이정철</u>	_____	L.S.
			Witnessed By Jae Chul AHN		
Date	<u>Nov. 3</u>	, 2017	<u>유병석</u>	_____	L.S.
			Witnessed By Myung Sik YU		
Date	<u>October 19</u>	, 2017	<u>이정재</u>	_____	L.S.
			Hyun Jai LIM		
Date	<u>Nov. 3</u>	, 2017	<u>유병석</u>	_____	L.S.
			Witnessed By Myung Sik YU		
Date	<u>October 19, 2017</u>	, 2017	<u>이정민</u>	_____	L.S.
			Witnessed By Ki Nam LEE		