# 505803708 12/04/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5850537

SUBMISSION TYPE:		NEW ASSIGNMENT			
IATURE OF CONVEYAI	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
SUNGHOON YUN			09/05/2019		
JOONSUNG RYOU			09/05/2019		
JANG WON SEO			09/05/2019		
JAEIN AHN			09/05/2019		
RECEIVING PARTY DA	TA				
Name:	SKC CO	D., LTD.			
Street Address:	84, JAN	84, JANGAN-RO 309BEON-GIL, JANGAN-GU, SUWON-SI			
City:	GYEON	GYEONGGI-DO			
State/Country:	KOREA	KOREA, REPUBLIC OF			
Postal Code:	16336				
PROPERTY NUMBERS	Total: 1				
FIOFENTT NOMBENS	Total. I				
Property Type		Number			
Property Type Application Number:		Number			
		Number 16619378			
Application Number:					
Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	16619378 (571)327-5452			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	OATA	16619378 (571)327-5452 • <b>the e-mail address first; if that is (</b>			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i>	OATA e sent to provided	16619378 (571)327-5452			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	OATA e sent to provided	16619378 (571)327-5452 • <b>the e-mail address first; if that is t</b> <b>1; if that is unsuccessful, it will be s</b> 5713275450 ipntlaw@ipntlaw.com			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name:	OATA e sent to provided	16619378 (571)327-5452 • <b>the e-mail address first; if that is u</b> <b>; if that is unsuccessful, it will be s</b> 5713275450 ipntlaw@ipntlaw.com IP & T GROUP LLP			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	OATA e sent to provided	16619378 (571)327-5452 <b><i>the e-mail address first; if that is t</i> <i>; if that is unsuccessful, it will be s</i> 5713275450 ipntlaw@ipntlaw.com IP &amp; T GROUP LLP 8230 LEESBURG PIKE</b>			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	OATA e sent to provided	16619378 (571)327-5452 <b><i>the e-mail address first; if that is u</i> <i>; if that is unsuccessful, it will be s</i> 5713275450 ipntlaw@ipntlaw.com IP &amp; T GROUP LLP 8230 LEESBURG PIKE SUITE 650</b>			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	OATA e sent to provided	16619378 (571)327-5452 <b><i>the e-mail address first; if that is t</i> <i>; if that is unsuccessful, it will be s</i> 5713275450 ipntlaw@ipntlaw.com IP &amp; T GROUP LLP 8230 LEESBURG PIKE</b>			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	OATA e sent to provided	16619378 (571)327-5452 <b>the e-mail address first; if that is o</b> <b>if that is unsuccessful, it will be s</b> 5713275450 ipntlaw@ipntlaw.com IP & T GROUP LLP 8230 LEESBURG PIKE SUITE 650 VIENNA, VIRGINIA 22182 PCB807066SKC/PCT/US-JS			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	OATA e sent to provided	16619378 (571)327-5452 <b><i>the e-mail address first; if that is of</i></b> <i>; if that is unsuccessful, it will be s</i> 5713275450 ipntlaw@ipntlaw.com IP & T GROUP LLP 8230 LEESBURG PIKE SUITE 650 VIENNA, VIRGINIA 22182			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	OATA e sent to provided	16619378 (571)327-5452 <b>the e-mail address first; if that is o</b> <b>if that is unsuccessful, it will be s</b> 5713275450 ipntlaw@ipntlaw.com IP & T GROUP LLP 8230 LEESBURG PIKE SUITE 650 VIENNA, VIRGINIA 22182 PCB807066SKC/PCT/US-JS			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	OATA e sent to provided	16619378 (571)327-5452 <b>the e-mail address first; if that is o</b> <b>if that is unsuccessful, it will be s</b> 5713275450 ipntlaw@ipntlaw.com IP & T GROUP LLP 8230 LEESBURG PIKE SUITE 650 VIENNA, VIRGINIA 22182 PCB807066SKC/PCT/US-JS KEON WOO PARK			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: TTORNEY DOCKET NU AME OF SUBMITTER: IGNATURE:	OATA e sent to provided	16619378 (571)327-5452 <b>the e-mail address first; if that is o</b> <b>if that is unsuccessful, it will be s</b> 5713275450 ipntlaw@ipntlaw.com IP & T GROUP LLP 8230 LEESBURG PIKE SUITE 650 VIENNA, VIRGINIA 22182 PCB807066SKC/PCT/US-JS KEON WOO PARK /Keon Woo Park/ 12/04/2019			

source=807066US-Assign and Declar#page1.tif source=807066US-Assign and Declar#page2.tif source=807066US-Assign and Declar#page3.tif source=807066US-Assign and Declar#page4.tif

WHEREAS Sunghoon YUN

hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

POLISHING PAD COMPRISING WINDOW SIMILAR IN HARDNESS TO POLISHING LAYER

[] said application being attached hereto;

[ ] said application having been filed in the United States Patent and Trademark Office on

\_\_\_\_\_\_, as Application Serial No. \_\_\_\_\_\_\_, and was amended on \_\_\_\_\_\_\_(if applicable); [X] the specification of which was filed under the Patent Cooperation Treaty on \_July 10, 2018 \_\_\_\_\_, Serial No. <u>PCT/KR2018/007805</u>, the United States of America being designated.

AND WHEREAS <u>SKC CO., LTD.</u> hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; sold assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNOR (INVENTOR):

Signature:	m	Date: <u>September 5, 2019</u>
Printed or Typed Name:	Sunghoon YUN	

Page 1 of 4

PATENT REEL: 051179 FRAME: 0340

WHEREAS Joonsung RYOU

hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

POLISHING PAD COMPRISING WINDOW SIMILAR IN HARDNESS TO POLISHING LAYER

[ ] said application being attached hereto;

[ ] said application having been filed in the United States Patent and Trademark Office on

\_\_\_\_\_, as Application Serial No. \_\_\_\_\_\_, and was amended on \_\_\_\_\_\_, on was amended

[X] the specification of which was filed under the Patent Cooperation Treaty on <u>July 10, 2018</u> Serial No. <u>PCT/KR2018/007805</u>, the United States of America being designated.

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AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

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As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNOR (INVENTOR):

Signature:

Va	Zh

Date: September 5, 2019

P	rinted	or	Type	d Name:	
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Page 2 of 4

Joonsung RYOU

PATENT REEL: 051179 FRAME: 0341

WHEREAS Jang Won SEO

hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

## POLISHING PAD COMPRISING WINDOW SIMILAR IN HARDNESS TO POLISHING LAYER

[ ] said application being attached hereto;

[ ] said application having been filed in the United States Patent and Trademark Office on

\_\_\_\_\_, as Application Serial No. \_\_\_\_\_\_, and was amended on \_\_\_\_\_\_, and was amended

[X] the specification of which was filed under the Patent Cooperation Treaty on <u>July 10, 2018</u> Serial No. <u>PCT/KR2018/007805</u>, the United States of America being designated.

AND WHEREAS <u>SKC CO., LTD.</u> hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the rest in any and all patents which may be granted therefor, including the renewals, reissues and prolongations thereof; sold assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNOR (INVENTOR):

Signature:

Date: September 5, 2019

Printed or Typed Name: Jang Won SEO

Page 3 of 4

PATENT REEL: 051179 FRAME: 0342

WHEREAS Jaein AHN

hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

POLISHING PAD COMPRISING WINDOW SIMILAR IN HARDNESS TO POLISHING LAYER

[ ] said application being attached hereto;

[ ] said application having been filed in the United States Patent and Trademark Office on

\_\_\_\_\_\_, as Application Serial No. \_\_\_\_\_\_\_, and was amended on \_\_\_\_\_\_\_\_(if applicable); [X] the specification of which was filed under the Patent Cooperation Treaty on \_July 10, 2018 \_\_\_\_\_,

 Serial No. PCT/KR2018/007805, the United States of America being designated.

 AND WHEREAS
 SKC CO., LTD.

hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

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As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

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ASSIGNOR (INVENTOR):	5-1-	
Signature:		Date: <u>September 5, 2019</u>
Printed or Typed Name:	Jaein AHN	·

Page 4 of 4

PATENT

RECORDED: 12/04/2019 REEL: 051179 FRAME: 0343