

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4523431

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EUK KUN YOON	07/26/2017
SUNG JIN NOH	07/26/2017
HAN TAE RYU	07/26/2017
DONG KI KEUM	07/26/2017
MIN SOO SEO	07/26/2017
EUNG GOO CHO	07/26/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DONGWOO FINE-CHEM CO., LTD.
<b>Street Address:</b>	132, YAKCHON-RO, IKSAN-SI
<b>City:</b>	JEOLLABUK-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	54631
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15661413
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<b>NAME OF SUBMITTER:</b>	JONG H PARK
<b>SIGNATURE:</b>	/JONG H PARK/
<b>DATE SIGNED:</b>	07/27/2017

**Total Attachments: 2**

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**ASSIGNMENT**

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:  
IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

**DONGWOO FINE-CHEM CO., LTD.**

having an address at 132, Yakchon-ro, Iksan-si, Jeollabuk-do, 54631, Republic of Korea

Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

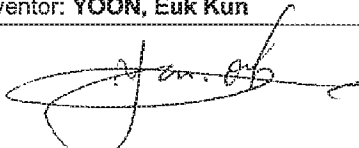

**TRANSPARENT ELECTRODE, TOUCH SENSOR AND IMAGE DISPLAY DEVICE  
INCLUDING THE SAME**

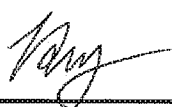
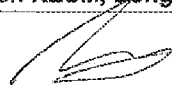
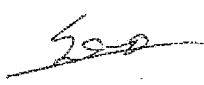
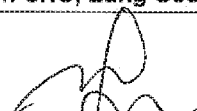
invented by me and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **DONGWOO FINE-CHEM CO., LTD.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said my Assignee.

IN WITNESS WHEREOF, I have set our hands and seals on the dates written beside my name:

Legal Name of First Inventor: <b>YOON, Euk Kun</b>	
Inventor's Signature: 	Date: 2017. 7. 26
Legal Name of Additional Inventor: <b>NOH, Sung Jin</b>	
Inventor's Signature: 	Date: 2017. 07. 26

Legal Name of Additional Inventor: RYU, Han Tae	
Inventor's Signature: 	Date: 2017.07.26
Legal Name of Additional Inventor: KEUM, Dong Ki	
Inventor's Signature: 	Date: 2017.07.26
Legal Name of Additional Inventor: SEO, Min Soo	
Inventor's Signature: 	Date: 2017.07.26
Legal Name of Additional Inventor: CHO, Eung Goo	
Inventor's Signature: 	Date: 2017.07.26