PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONG SEOK CHOI	01/15/2018
SEUNG KOOK KIM	01/16/2018
JU IN YOON	01/15/2018
SOO HO CHO	01/15/2018

RECEIVING PARTY DATA

Name:	DONGWOO FINE-CHEM CO., LTD.	
Street Address:	132, YAKCHON-RO	
City:	IKSAN-SI, JEOLLABUK-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	54631	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15876422

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	DAR-012	
NAME OF SUBMITTER:	JEFFREY S. CLARK	
SIGNATURE:	/Jeffrey S. Clark/	
DATE SIGNED:	01/22/2018	

Total Attachments: 2

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> **PATENT REEL: 045109 FRAME: 0109** 504739631

DOCKET NO.: DAR-012

COMBINED DECLARATION/ASSIGNMENT OF APPLICATION

WHEREAS, I/we,

Yong Seok CHOI of Yongin-si, Gveonggi-do, Republic of Korea,
Seung Kook KIM of Seoul, Republic of Korea,
Ju In YOON of Pyeongtack-si, Gyeonggi-do, Republic of Korea,
Soo Ho CHO of Hwaseong-si, Gyeonggi-do, Republic of Korea,

respectively; have invented certain new and useful improvements in: "HIGH-PERFORMANCE FILM-TYPE TOUCH SENSOR AND METHOD OF FABRICATING THE SAME" (hereinafter referred to as the "Invention"), for which an application for Letters Patent was filed on January 22, 2018 Application No. 15/876,422 (the "Application");

The application was made or authorized to be made by the person(s) executing the declaration;

The individual(s) believe(s) himself or herself or themselves to be the original inventor or an original joint inventor(s) of a claimed invention in the application; and

The individual(s) acknowledge(s) 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;

WHEREAS, <u>DONGWOO FINE-CHEM CO., LTD.</u>, (hereinafter referred to as "ASSIGNEE"), having a place of business at 132, Yakchon-ro, Iksan-si, Jeollabuk-do 54631, Republic of Korea, is desirous of acquiring the full and exclusive right in and to said Invention, the Application and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I/we, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention and said Application in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent applications based thereon including any and all non-provisional applications, divisions, continuations, substitutions, renewals and reissues thereof 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 agreements to which the United States of America adheres.

I/we hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted to said ASSIGNEE as the assignee of my/our entire right, title and interest

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in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made.

Further, I/we agree that I/we will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of DLA Piper LLP US, Attorneys at Law, 33 Arch Street, 26th Floor, Boston, Massachusetts 02110-1447, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2016. . 15	Chol Yong Seok CHOI
Date: 2018.1.16	Senng Kook KIM
Date: 2018.1. 15	Ju in YOON
Date:	

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