505774170 11/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5820988

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JI YOUNG BYUN	11/14/2019
SO HYE CHO	11/14/2019
SEUNG YONG LEE	11/14/2019
KWANG-DEOK CHOI	11/14/2019
IN UK BAEK	11/14/2019
YUN HEE KIM	11/14/2019

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16684016

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ATTORNEY DOCKET NUMBER:	YUL-116 (KIST)	
NAME OF SUBMITTER:	JUN-HWA JEONG	
SIGNATURE:	/Jun-Hwa Jeong/	
DATE SIGNED:	11/14/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 051011 FRAME: 0755

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Total Attachments: 2

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> PATENT REEL: 051011 FRAME: 0756

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS JI Young BYUN, So Hye CHO, Seung Yong LEE, Kwang-deok CHOI, In Uk BAEK and Yun Hee KIM of Republic of Korea; hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to,

COLORING PATTERN STRUCTURE AND METHOD OF MANUFACTURING THE SAME

[X] 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);
[] the specification of which was filed under the Patent Cooperation Treaty on
Serial No, the United States of America being designated.

AND WHEREAS KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY of Seoul, Republic of Korea; the entitles organized and existing under the laws of Republic of Korea; 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, 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.

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.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

PATENT REEL: 051011 FRAME: 0757

Attorney Reference: YUL-116 (KIST)

Continued – Page 2 ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature: Tr Yang BYW
Legal Name: JI Young BYUN Date: 204, 11, 14
Date: 20/4, 1/, 14
/
ASSIGNOR (SECOND INVENTOR):
Signature: <u>So Hye CHO</u>
Legal Name: So Hye CHO
Date: 2019.11.14
ASSIGNOR (THIRD INVENTOR):
Signature: heung long lee
Legal Name: Seung Yong LEE
Date:
ASSIGNOR (FOURTH INVENTOR):
Signature: Kwang dook CHOI
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Date:
ASSIGNOR (FIFTH INVENTOR):
Signature: In the BAEK
Legal Name: <u>In Uk BAEK</u>
Date: <u>9</u> 9/9 . // . / /
ASSIGNOR (SIXTH INVENTOR):
Signature: Yun Hee KIM
Legal Name: Yun Hee KIM
Date: 2019 11,14

RABIN & BERDO, P.C., Washington, D.C.

PATENT REEL: 051011 FRAME: 0758

RECORDED: 11/14/2019