

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DEUK-SEOK CHUNG	11/02/2018
BYONG-GWON SONG	11/02/2018
JOON-WON BAE	11/02/2018
YOUNG-JUN YUN	11/02/2018
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129 SAMSUNG-RO
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State/Country:	KOREA, REPUBLIC OF
Postal Code:	443-742
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15188398
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	GARY D. YACURA, REG. NO. 35,416
SIGNATURE:	/Gary D. Yacura/
DATE SIGNED:	01/22/2019
Total Attachments: 4	
source=2019_01_21_declaration#page1.tif	
source=2019_01_21_declaration#page2.tif	
source=2019_01_21_declaration#page3.tif	

**COMBINED DECLARATION (37 CFR §1.63) FOR DESIGN PATENT APPLICATION AND
ASSIGNMENT FORM¹**

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title: PHOTONIC CRYSTAL STRUCTURE, METHOD OF MANUFACTURING THE
PHOTONIC CRYSTAL STRUCTURE, REFLECTIVE COLOR FILTER, AND
DISPLAY APPARATUS EMPLOYING THE PHOTONIC CRYSTAL
STRUCTURE

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

- ☐ The attached U.S. non-provisional patent application.
- ☒ U.S. non-provisional patent application number 15/188,398, filed on June 21, 2016.
- ☐ PCT international patent application number _____, filed on _____.

The above-identified application was made or authorized to be made by me (us).

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

¹ This form requires the use of an Application Data Sheet.

SEC Ref No. RD-201106-005-1-US1

Attorney Ref No. 2557SI-001727-US-DVA

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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SAMSUNG ELECTRONICS CO., LTD.

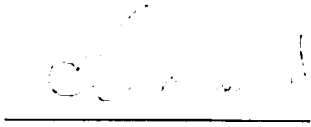
Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of **Harness, Dickey & Pierce, P.L.C.** the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	CHUNG	Deuk-seok	
SIGNATURE  DATE 2018-11-02			

SEC Ref No. RD-201106-005-1-US1

Attorney Ref No. 2557SI-001727-US-DVA

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	SONG	Byong-gwon	

SIGNATURE		DATE	2018-11-02
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LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	BAE	Joon-won	

SIGNATURE 	DATE 
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LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	YUN	Young-jun	

SIGNATURE		DATE	11/02/2018
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Attorney Ref No. 2557SI-001727-US-DVA

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REEL: 048089 FRAME: 0404