

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee previously recorded on Reel 026586 Frame 0344. Assignor(s) hereby confirms the correction of Assignee to also include INDUSTRIAL COOPERATION FOUNDATION CHONBUK NATIONAL UNIVERSITY.

CONVEYING PARTY DATA

Name	Execution Date
Seung Han Shin	05/25/2011
Eu Gene Chang	05/26/2011
Myong Hoon Lee	05/24/2011
Kwang Un Jeong	05/24/2011
Yun Ju Bae	05/24/2011

RECEIVING PARTY DATA

Name:	KOREA INSTITUTE OF INDUSTRIAL TECHNOLOGY
Street Address:	35-3, Hongcheon-ri, Ipjang-myeon
City:	Seobuk-gu, Cheonan-si, Chungcheongnam-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	331-825

Name:	INDUSTRIAL COOPERATION FOUNDATION CHONBUK NATIONAL UNIVERSITY
Street Address:	Annex to Headquarter 3rd floor
Internal Address:	664-14, Deokjindong 1-ga, Deokjin-gu
City:	Jeonju-si, Jeollabuk-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	561-756

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13127940

CORRESPONDENCE DATA

Fax Number: (801)328-1707

501603280

PATENT
REEL: 026632 FRAME: 0481

OP \$40.00 13127940

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 2: 1000 Eagle Gate Tower
Address Line 4: Salt Lake City, UTAH 84111

ATTORNEY DOCKET NUMBER:	17972.42
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NAME OF SUBMITTER:	Peter F. Malen, Jr.
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WHEN RECORDED RETURN TO:

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

PATENT APPLICATION
Docket No: 17972.42

A S S I G N M E N T

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled LYOTROPIC CHROMONIC LIQUID CRYSTAL COMPOSITION, METHOD FOR MANUFACTURE OF LYOTROPIC CHROMONIC LIQUID CRYSTAL COATING FILM, AND LYOTROPIC CHROMONIC LIQUID CRYSTAL COATING FILM MANUFACTURED THEREBY. Preferred embodiments of said invention are disclosed in a United States patent application which:

- ☐ is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No _____, with a filing date of _____.
- ☐ was previously filed in the United States Patent and Trademark Office on _____ as Application Serial No. _____.
- ☒ is a United States National Application of PCT International Application No. PCT/KR2009/006474, filed November 5, 2009 [nationalization in the United States Patent and Trademark Office requested on May 5, 2011, currently assigned United States Patent Application Serial No 13/127,940].

(The attorneys of Workman Nydegger are hereby authorized to insert the serial number and filing date when known.)

The Assignees, KOREA INSTITUTE OF INDUSTRIAL TECHNOLOGY, having a principal place of business at 35-3, Hongcheon-ri, Ipjang-myeon, Seobuk-gu, Cheonan-si, Chungcheongnam-do 331-825, Republic of Korea and INDUSTRIAL COOPERATION FOUNDATION CHONBUK NATIONAL UNIVERSITY, having a principal place of business at Annex to Headquarter 3rd floor, 664-14, Deokjindong 1-ga, Deokjin-gu, Jeonju-si, Jeollabuk-do 561-756, Republic of Korea, desire to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignees, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEES:

The entire right, title, and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States.

The right to claim the benefit of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents to issue any and all patents on said invention to the Assignees as the owner of the entire interest, for the sole use and behoof of the said Assignees, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignees, to sign all lawful papers and to perform all other lawful acts which the Assignees may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

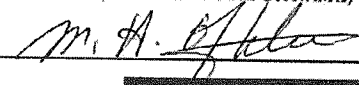
Inventor 1

Seung	Han	Shin
<small>(GIVEN NAME)</small>	<small>(MIDDLE INITIAL OR NAME)</small>	<small>FAMILY (OR LAST NAME)</small>
Inventor's signature: <u>S. H. Shin</u>		Date <u>May 25</u> , 2011

Inventor 2

Eu	Gene	Chang
<small>(GIVEN NAME)</small>	<small>(MIDDLE INITIAL OR NAME)</small>	<small>FAMILY (OR LAST NAME)</small>
Inventor's signature: <u>E.G. Ohnig</u>		Date <u>May 26</u> , 2011

Inventor 3

Myong <small>(GIVEN NAME)</small>	Hoon <small>(MIDDLE INITIAL OR NAME)</small>	Lee <small>FAMILY (OR LAST NAME)</small>
Inventor's signature: <u>M. A. </u>		Date <u>May 24</u> , 201 <u>1</u>

Inventor 4

Kwang	Un	Jeong
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)

Inventor's signature: Kwang Un Jeong Date May 24, 2011

Inventor 5

<u>Yun</u> (GIVEN NAME)	<u>Ju</u> (MIDDLE INITIAL OR NAME)	<u>Bae</u> FAMILY (OR LAST NAME)
Inventor's signature: <u>Y. Bae</u>		Date <u>MAY 24</u> , 2011

TO: PETER F. MALEN JR. COMPANY: 60 EAST SOUTH TEMPLE

PATENT ASSIGNMENT

Electronic Version v1.1
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501593800

SUBMISSION TYPE:	NEW ASSIGNMENT												
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TO: PETER F. MALEN JR. COMPANY: 60 EAST SOUTH TEMPLE

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