

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chien-Hong CHENG</td> <td>01/18/2012</td> </tr> <tr> <td>He-Pei HSU</td> <td>01/09/2012</td> </tr> <tr> <td>Ho-Hsiu CHOU</td> <td>12/22/2011</td> </tr> <tr> <td>Yu-Han CHEN</td> <td>01/14/2012</td> </tr> <tr> <td>Yi-Hsiang CHEN</td> <td>12/22/2011</td> </tr> </tbody> </table>		Name	Execution Date	Chien-Hong CHENG	01/18/2012	He-Pei HSU	01/09/2012	Ho-Hsiu CHOU	12/22/2011	Yu-Han CHEN	01/14/2012	Yi-Hsiang CHEN	12/22/2011
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<table border="1"> <tr> <td>Name:</td> <td>INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>No. 195, Sec. 4, Chung-Hsing Road, Chu-Tung</td> </tr> <tr> <td>City:</td> <td>Hsin-Chu</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	Street Address:	No. 195, Sec. 4, Chung-Hsing Road, Chu-Tung	City:	Hsin-Chu	State/Country:	TAIWAN				
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CORRESPONDENCE DATA													
Fax Number: (703)205-8050 Phone: 703-205-8000 Email: mailroom@bskb.com, tchau@bskb.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Address Line 1: P.O. Box 747 Address Line 4: Falls Church, VIRGINIA 22040-0747													
ATTORNEY DOCKET NUMBER:	3319-0222PUS1												
NAME OF SUBMITTER:	PAUL C. LEWIS												
Total Attachments: 2 source=2012-2-2 Assignment 3319-0222PUS1#page1.tif source=2012-2-2 Assignment 3319-0222PUS1#page2.tif													

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BIRCH, STEWART, KOLASCH & BIRCH, LLPUNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**ASSIGNMENT**Application No. 13/365,622 Filed February 3, 2012Insert Name(s)
of Inventor(s)

[Given Name FAMILY NAME (ALL CAPS)]

WHEREAS, CHENG, CHIEN-HONG; HSU, HE-FEI; CHOU, HO-HSIU; CHEN, YU-HAN; CHEN, YI-HSIANG
(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements inInsert Title
of Invention

DERIVATIVES HAVING VINYL GROUP AND ITS USE IN ELECTROLUMINESCENT ELEMENT

for which an application for Letters Patent of the United States of America has been executed by the
undersigned (except in the case of a provisional application)Insert Date
of Signing of
ApplicationOn 2012/1/18; 2012/1/9; 2011/12/22; 2012/1/14; 2011/12/22; andInsert Name
of Assignee
Insert Address
of Assignee

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

of NO. 195, SEC. 4, CHUNG-HSING ROAD, CHU-TUNG, HSIN-CHU, TAIWAN, R.O.C.

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous
of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s)
that may be granted therefor in the United States of America andCHECK BOX
IF APPROPRIATE☒ in any foreign countries.NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged,
the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and
transfer unto said Assignee the full and exclusive right to the said invention in the United States of
America, its territories, dependencies and possessions and the entire right, title and interest in and to any
and all Letters Patent(s) which may be granted therefor in the United States of America, its territories,
dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to
any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or
terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2012, 01, 18 Name of Inventor Chien Hong Chong
(signature) CHENG, CHIEN-HONG

Date 2012, 01, 09 Name of Inventor HSU, HE-PEI
(signature) HSU, HE-PEI

Date 2011, 12, 22 Name of Inventor CHOU, HO-HSIU
(signature) CHOU, HO-HSIU

Date 2012, 01, 14 Name of Inventor CHEN, YU-HAN
(signature) CHEN, YU-HAN

Date 2011, 12, 22 Name of Inventor CHEN, YI-HSIANG
(signature) CHEN, YI-HSIANG