

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Koji ASAKAWA	11/21/2011
Ryota KITAGAWA	11/21/2011
Akira FUJIMOTO	11/21/2011
Yoshiaki SHIRAE	10/26/2011
Tomohiro YORISUE	10/26/2011
Akihiko IKEDA	10/26/2011

RECEIVING PARTY DATA

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State/Country:	JAPAN
Postal Code:	105-8001

Name:	Asahi Kasei E-materials Corporation
Street Address:	1-105, Kanda Jinbocho, Chiyoda-ku,
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Postal Code:	101-8101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13319928

CORRESPONDENCE DATA

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REEL: 027322 FRAME: 0993

CH \$40.00 13319928

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ATTORNEY DOCKET NUMBER:

0210-0240PUS1

NAME OF SUBMITTER:

Gerald M. Murphy, Jr.

Total Attachments: 2

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert ASSIGNEE's Name(s) Address(es))

KABUSHIKI KAISHA TOSHIBA

1-1-1, Shibaura, Minato-ku, Tokyo 105-8001, Japan

Asahi Kasei E-materials Corporation

1-105, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-8101, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

RESIN COMPOSITION FOR PATTERN FORMATION, PATTERN FORMATION METHOD AND PROCESS FOR PRODUCING LIGHT-EMITTING ELEMENT

relating to International Patent Application PCT/JP 2010 / 058050 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date of execution of application, if not concurrent)

- (a) executed on November 21, 2011
(b) filed on November 10, 2011
Serial No. 13/319,928

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

- 1) Koji Asakawa (Signature) Koji Asakawa (Type Name) November 21, 2011 (Date)
2) Ryota Kitagawa (Signature) Ryota Kitagawa (Type Name) November 21, 2011 (Date)
3) Akira Fujimoto (Signature) Akira Fujimoto (Type Name) November 21, 2011 (Date)
4) Yoshiaki Shirae (Signature) Yoshiaki Shirae (Type Name) (Date)
5) Tomohiro Yorisue (Signature) Tomohiro Yorisue (Type Name) (Date)
6) Akihiko Ikeda (Signature) Akihiko Ikeda (Type Name) (Date)
7) (Signature) (Type Name) (Date)
8) (Signature) (Type Name) (Date)

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(Insert
ASSIGNEE's
Name(s)
Address(es))

KABUSHIKI KAISHA TOSHIBA

1-1-1, Shibaura, Minato-ku, Tokyo 105-8001, Japan

Asahi Kasei E-materials Corporation

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relating to International Patent Application PCT/JP 2010 / 058050 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on October 26, 2011 ;
(b) filed on November 10, 2011 ;
Serial No. 13/319,928 ;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

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(Signatures)

1) _____ (SIGNATURE)	<u>Koji Asakawa</u> (TYPE NAME)	_____ (DATE)
2) _____ (SIGNATURE)	<u>Ryota Kitagawa</u> (TYPE NAME)	_____ (DATE)
3) _____ (SIGNATURE)	<u>Akira Fujimoto</u> (TYPE NAME)	_____ (DATE)
4) <u>Yoshiaki Shirae</u> (SIGNATURE)	<u>Yoshiaki Shirae</u> (TYPE NAME)	<u>October 26, 2011</u> (DATE)
5) <u>Tomohiro Yorisue</u> (SIGNATURE)	<u>Tomohiro Yorisue</u> (TYPE NAME)	<u>October 26, 2011</u> (DATE)
6) <u>Akihiko Ikeda</u> (SIGNATURE)	<u>Akihiko Ikeda</u> (TYPE NAME)	<u>October 26, 2011</u> (DATE)
7) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

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