

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3822956

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HISANORI BESSHO	08/01/2015
MITSUHIRO KODEN	08/01/2015
YOSHIMASA FUJITA	08/02/2015
RECEIVING PARTY DATA	
Name:	SHARP KABUSHIKI KAISHA
Street Address:	22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	545-8522
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14391695
CORRESPONDENCE DATA	
Fax Number:	(415)268-7522
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	415-268-7000
Email:	cbrown@mofo.com
Correspondent Name:	PETER J. YIM
Address Line 1:	MORRISON & FOERSTER LLP
Address Line 2:	425 MARKET STREET
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105-2482
ATTORNEY DOCKET NUMBER:	514242110100
NAME OF SUBMITTER:	PETER J. YIM
SIGNATURE:	/Peter J. Yim/
DATE SIGNED:	04/08/2016
Total Attachments: 6	
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ASSIGNMENT

This assignment is by:

1. Hisanori BESSHO
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
Osaka 545-8522
Japan
2. Mitsuhiro KODEN
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
Osaka 545-8522
Japan
3. Yoshimasa FUJITA
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
Osaka 545-8522
Japan

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Sharp Kabushiki Kaisha
Address: 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka, 545-8522 Japan
A corporation duly organized under and pursuant to the laws of: Japan

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

LIGHT-SCATTERING BODY, LIGHT-SCATTERING BODY FILM, LIGHT-SCATTERING BODY SUBSTRATE,
LIGHT-SCATTERING BODY DEVICE, LIGHT-EMITTING DEVICE, DISPLAY DEVICE, AND ILLUMINATION
DEVICE

for which the following application has been filed in the United States of America.

Serial No.: 14/391,695 Filing Date: (Int'l) April 10, 2013
(Based on PCT/JP2013/060829)

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

Attorney Docket No.:
Client Reference No.:

2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster 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 United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

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

Date: August 1, 2015

Signature: *Hisanori Bessho*
Hisanori BESSHO

Date: _____

Signature: _____
Mitsuhiro KODEN

Date: _____

Signature: _____
Yoshimasa FUJITA

Date: _____

Signature: _____

ASSIGNMENT

This assignment is by:

1. Hisanori BESSHO
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
Osaka 545-8522
Japan
2. Mitsuhiro KODEN
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
Osaka 545-8522
Japan
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c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
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3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____

Signature: _____
Hisanori BESSHO

Date: 1 Aug. 2015

Signature: Mitsuhiro Kodan
Mitsuhiro KODEN

Date: _____

Signature: _____
Yoshimasa FUJITA

Date: _____

Signature: _____

ASSIGNMENT

This assignment is by:

1. Hisanori BESSHO
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
Osaka 545-8522
Japan
2. Mitsuhiro KODEN
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
Osaka 545-8522
Japan
3. Yoshimasa FUJITA
c/o Sharp Kabushiki Kaisha
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi
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LIGHT-SCATTERING BODY DEVICE, LIGHT-EMITTING DEVICE, DISPLAY DEVICE, AND ILLUMINATION
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____

Signature: _____

Hisanori BESSHO

Date: _____

Signature: _____

Mitsuhiro KODEN

Date: August 12/2015

Signature: *Yoshimasa Fujita*

Yoshimasa FUJITA

Date: _____

Signature: _____