

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT																
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee's address previously recorded on Reel 022745 Frame 0142. Assignor(s) hereby confirms the Assignment.																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Pinar KILICKIRAN</td><td>11/21/2008</td></tr> <tr><td>Akira MASUTANI</td><td>11/21/2008</td></tr> <tr><td>Anthony ROBERTS</td><td>11/03/2008</td></tr> <tr><td>Gabriele NELLES</td><td>11/24/2008</td></tr> <tr><td>Akio YASUDA</td><td>11/05/2008</td></tr> <tr><td>Andrzej TADEUSIAK</td><td>05/01/2009</td></tr> <tr><td>Graham SANDFORD</td><td>04/27/2009</td></tr> </tbody> </table>		Name	Execution Date	Pinar KILICKIRAN	11/21/2008	Akira MASUTANI	11/21/2008	Anthony ROBERTS	11/03/2008	Gabriele NELLES	11/24/2008	Akio YASUDA	11/05/2008	Andrzej TADEUSIAK	05/01/2009	Graham SANDFORD	04/27/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>Sony Deutschland GmbH</td></tr> <tr><td>Street Address:</td><td>Kemperplatz 1</td></tr> <tr><td>City:</td><td>Berlin</td></tr> <tr><td>State/Country:</td><td>GERMANY</td></tr> <tr><td>Postal Code:</td><td>10785</td></tr> </table>		Name:	Sony Deutschland GmbH	Street Address:	Kemperplatz 1	City:	Berlin	State/Country:	GERMANY	Postal Code:	10785						
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<p>Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000 Email: mpena@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>																	
ATTORNEY DOCKET NUMBER:	332441US8XPCT																

OP \$40.00 12295476

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PATENT
REEL: 022815 FRAME: 0550

NAME OF SUBMITTER:

Teresa Pena

Total Attachments: 9

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TO:OBLON, SPIVAK, ET AL. COMPANY:1940 DUKE STREET

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.105/28/2009
500870820

SUBMISSION TYPE:	NEW ASSIGNMENT																
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Phone:	(703) 413-3000																
Email:	ajoya@oblon.com																
Correspondent Name:	Oblon, Spivak, et al.																
Address Line 1:	1940 Duke Street																
Address Line 4:	Alexandria, VIRGINIA 22314																
ATTORNEY DOCKET NUMBER:	332441US																

OP \$40.00 12295476

TO: OBLON, SPIVAK, ET AL. COMPANY: 1940 DUKE STREET

NAME OF SUBMITTER:

Abdul Joya

Total Attachments: 8

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Docket No. 332441US8X PCT

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1) Pinar KILICKIRAN of:- Kilianstr. 18, Stuttgart 70327, Germany

2) Akira MASUTANI of:- Wilhelmstr. 31-5, Fellbach 70374, Germany

3) Anthony ROBERTS of:- Immenhofer Str. 4, Stuttgart 70184, Germany

4) Gabriele NELLES of:- Duisburgerstrasse 22, Stuttgart, Germany

5) Akio YASUDA of:- 1-7-12, Miyamae, Suginami-ku, Tokyo 168-0081, Japan

6) Andrzej TADEUSIAK of:- 7, Cranleich, Standish, Wigan, Lancashire WN6 0EU, United Kingdom

7) Graham SANDFORD of:- 15, Norwich Road, Newton Hall, Durham DH 1 5QA, United Kingdom

, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: A COMPOSITION COMPRISING AT LEAST ONE TYPE OF LIQUID CRYSTAL

(Application No. 12/295,476, filed September 30, 2008), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Sony Deutschland GMBH

(hereinafter referred to as "ASSIGNEE") having a place of business at: Kemperplatz 1, Berlin 10785, Germany is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

12/04

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: 21/11/2008

(Signature of Inventor)

Pinar KILICKIRANDate: 21/11/08

(Signature of Inventor)

Akira MASUTANIDate: 03/11/08

(Signature of Inventor)

Anthony ROBERTSDate: 24/11/07

(Signature of Inventor)

Gabriele NELLES

Date: _____

(Signature of Inventor)

Akio YASUDA

Date: _____

(Signature of Inventor)

Andrzej TADEUSIAK

Date: _____

(Signature of Inventor)

Graham SANDFORD

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
 ATTORNEYS AT LAW
 1940 DUKE STREET
 ALEXANDRIA, VIRGINIA 22314

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Date: _____	(Signature of Inventor) Akio YASUDA
Date: _____	(Signature of Inventor) Andrzej TADEUSIAK
Date: <u>April 27th, 2009</u>	(Signature of Inventor) <u>G. Sandford</u> Graham SANDFORD

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ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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RECORDED: 06/11/2009

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