

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Fourth inventor's name previously recorded on Reel 022093 Frame 0291. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Yoshitoshi KIDA	12/10/2008
Jarupoonphol WERAPONG	12/04/2008
Daisuke ITO	12/10/2008
Takeya TAKEUCHI	12/05/2008

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	108-0075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12348234

CORRESPONDENCE DATA

Fax Number: (703)413-2220
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 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

ATTORNEY DOCKET NUMBER:	333675US8X
NAME OF SUBMITTER:	Teresa Pena

OP \$40.00 12348234

Total Attachments: 4

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PATENT ASSIGNMENT

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**01/12/2009
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yoshitoshi KIDA	12/10/2008
Jarupoonphol WERAPONG	12/04/2008
Daisuke ITO	12/10/2008
Takeuchi TAKEYA	12/05/2008

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12348234

CORRESPONDENCE DATA

Fax Number: (703)413-2220
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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ATTORNEY DOCKET NUMBER:	333675US
NAME OF SUBMITTER:	Ibrahim Samara

Total Attachments: 2
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USPTO

1/13/2009 9:37:34 AM PAGE 5/005 Fax Server

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

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ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) Yoshitoshi KIDA a citizen of Japan of: 16 Elsenwood Drive Camberley Surrey GU15 2AZ United Kingdom
(2) Jarupoonphol WERAPONG a citizen of Thailand of: 7 Ban 25 Tamura-cho Atsugi-shi Kanagawa 243-0016 Japan
(3) Daisuke ITO a citizen of Japan of: 45 Cheylesmore Drive Camberley Surrey GU16 9BN United Kingdom
(4) Takeuchi TAKEYA a citizen of Japan of: 6 Fenton Lodge Sandy Lane Camberley Surrey GU15 2AG United Kingdom

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5)

SONY CORPORATION Japanese body corporate

(Address) (6) of

1-7-1 Konan Minato-ku Tokyo 108-0075 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (7)

in the invention, and all applications for patent and any Letters Patent which may granted therefor, known as

(Title) (8)

PRE-CHARGE SYSTEM FOR ON GLASS LCD DRIVING CIRCUIT (Case No)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(9) on or has already filed in

(10) U.S. appln Serial Number 12/348,234 filed on January 2, 2009

(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made

1) The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

3) The undersigned hereby authorize(s) and request(s) the Communication of Patents to issue any and all Letters patent of the United States resulting from said application or any division or divisions or continuing thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

4) The undersigned hereby grant(s) the firm of Oblon Spivak McClelland Maier & Neustadt, P.C. the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

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

Date x 10 Dec 2008 Signature of Inventor Yoshitoshi Kida (1)

Date x Signature of Inventor (2)

Date x 10-DEC-2008 Signature of Inventor Daisuke Ito (3)

Date x Signature of Inventor (4)

Witnessed by

Witness Date

Witness Date

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) Yoshitoshi KIDA a citizen of Japan of: 16 Elsenwood Drive Camberley Surrey GU15 2AZ United Kingdom
- (2) Jarupoonphol WERAPONG a citizen of Thailand of: 7 Ban 25 Tamura-cho Atsugi-shi Kanagawa 243-0016 Japan
- (3) Daisuke ITO a citizen of Japan of: 45 Cheylesmore Drive Camberley Surrey GU16 9BN United Kingdom
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(Address) (6) of

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

Date _____ Signature of Inventor _____ (1)

Date Dec 4, 2008 Signature of Inventor Werapong Jarupoonphol (2)

Date _____ Signature of Inventor _____ (3)

Date Dec 5 2008 Signature of Inventor Takeya TAKEUCHI (4)

Witnessed by

Witness _____ Date _____

Witness _____ Date _____

PATENT