

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	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>Daisuke ITO</td> <td>04/07/2009</td> </tr> <tr> <td>Yoshitoshi KIDA</td> <td>04/15/2009</td> </tr> <tr> <td>Takeya TAKEUCHI</td> <td>04/07/2009</td> </tr> <tr> <td>David PUSEY</td> <td>05/01/2009</td> </tr> <tr> <td>Peter SHADWELL</td> <td>03/19/2009</td> </tr> </tbody> </table>		Name	Execution Date	Daisuke ITO	04/07/2009	Yoshitoshi KIDA	04/15/2009	Takeya TAKEUCHI	04/07/2009	David PUSEY	05/01/2009	Peter SHADWELL	03/19/2009
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SONY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1-7-1 Konan, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>Japan</td> </tr> <tr> <td>Postal Code:</td> <td>108-0075</td> </tr> </table>		Name:	SONY CORPORATION	Street Address:	1-7-1 Konan, Minato-ku	City:	Tokyo	State/Country:	Japan	Postal Code:	108-0075		
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CORRESPONDENCE DATA													
<p>Fax Number: (703)413-2220</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000</p> <p>Email: dbullock@oblon.com</p> <p>Correspondent Name: Oblon, Spivak, et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	339735US8X												
NAME OF SUBMITTER:	Daniel Bullock												

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PATENT
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Total Attachments: 3

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ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) **Daisuke ITO** a citizen of Japan of:
c/o Sony Corporation 1-7-1 Konan Minato-ku Tokyo 108-0075 Japan
- (2) **Yoshitoshi KIDA** a citizen of Japan of:
c/o Sony Corporation 1-7-1 Konan Minato-ku Tokyo 108-0075 Japan
- (3) **Takeya TAKEUCHI** a citizen of Japan of:
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- (4) **David PUSEY** a citizen of United Kingdom of:
21 Feld Way Lychpit Basingstoke Hampshire RG24 8UW United Kingdom
- (5) **Peter SHADWELL** a citizen of United Kingdom of:
8 Meiter Close Bramley Tadley Hampshire RG26 5NQ 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) **LIQUID CRYSTAL DISPLAY MODULE** (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 12/418,319 filed on April 3, 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 April 7, 2009 Signature of Inventor Daisuke Ito (1)

Date April 15, 2009 Signature of Inventor Yoshitoshi Kida (2)

Date April 7, 2009 Signature of Inventor Takeya TAKEUCHI (3)

Date _____ Signature of Inventor _____ (4)

Date _____ Signature of Inventor _____ (5)

Witnessed by Goshu Arie Date April 15, 2009

Witness Yuko Ishiguro Date April 15, 2009

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Date _____ Signature of Inventor _____ (2)

Date _____ Signature of Inventor _____ (3)

Date 1 May 2009 Signature of Inventor  (4)

Date _____ Signature of Inventor _____ (5)

Witnessed by 增、日 万 博 Date 1 May 2009

Witness _____ Date _____

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Date _____ Signature of Inventor _____ (3)

Date _____ Signature of Inventor _____ (4)

Date 19-3-09 Signature of Inventor PW Shadwell (5)

Witnessed by Amey Date 19/3/09

Witness _____ Date _____

PATENT