

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

  

**CONVEYING PARTY DATA**

Name	Execution Date
Tetsuo INOUE	11/18/2010
Hajime TAKEUCHI	11/18/2010
Yasumasa OOYA	11/18/2010
Toshio SHIMAOOGI	11/18/2010
Yasuhiro SHIRAKAWA	11/18/2010

  

**RECEIVING PARTY DATA**

<b>Name:</b>	KABUSHIKI KAISHA TOSHIBA
<b>Street Address:</b>	1-1, Shibaura 1-Chome, Minato-Ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	105-8001

  

<b>Name:</b>	TOSHIBA MATERIALS CO., LTD.
<b>Street Address:</b>	8, Shinsugita-Cho, Isogo-Ku
<b>City:</b>	Yokohama-Shi, Kanagawa-Ken
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	235-0032

  

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	12995352

  

**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: asomaiel@oblon.com

Correspondent Name: Oblon, Spivak, et al.

OP \$40.00 12995352

**501369119**

**PATENT**  
**REEL: 025449 FRAME: 0812**

Address Line 1: 1940 Duke Street  
Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	372296US2XPCT
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NAME OF SUBMITTER:	Adel Samuel
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Total Attachments: 2 source=372296USAssignment#page1.tif source=372296USAssignment#page2.tif
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INSERT TITLE OF INVENTION:

of c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-Chome, Minato-Ku,  
Tokyo 105-8001 Japan

, respectively,

have invented certain new and useful improvements in: WHITE LIGHT SOURCE, BACKLIGHT, LIQUID CRYSTAL DISPLAY APPARATUS, AND ILLUMINATING APPARATUS

(Application No. 12/995,352, filed November 30, 2010), and

WHEREAS, KABUSHIKI KAISHA TOSHIBA and TOSHIBA MATERIALS CO., LTD.

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001 Japan and 8, Shinsugita-Cho, Isogo-Ku, Yokohama-Shi, Kanagawa-Ken 235-0032 Japan, respectively, 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.

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, L.L.P. 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: November 18, 2010

Tetsuo Inoue  
(Signature of Inventor) Tetsuo INOUE

Date: November 18, 2010

Hajime Takeuchi  
(Signature of Inventor) Hajime TAKEUCHI

Date: November 18, 2010

Yasumasa Ooya  
(Signature of Inventor) Yasumasa OOYA

Date: November 18, 2010

Toshio Shimaoogi  
(Signature of Inventor) Toshio SHIMAOOGI

Date: November 18, 2010

Yasuhiro Shirakawa  
(Signature of Inventor) Yasuhiro SHIRAKAWA

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