

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ryohei Matsubara	09/12/2011
Mamoru Ishizaki	09/12/2011
RECEIVING PARTY DATA	
Name:	Toppan Printing Co., Ltd.
Street Address:	1-5-1 Taito, Taito-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	110-8560
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13232856
CORRESPONDENCE DATA	
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Correspondent Name:	Squire, Sanders & Dempsey (US) LLP
Address Line 1:	275 Battery Street, Suite 2600
Address Line 4:	San Francisco, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	038915.00227
NAME OF SUBMITTER:	Norman L. Morales
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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PATENT
REEL: 026910 FRAME: 0321

ASSIGNMENT

- (1) Insert Name(s) of Inventor(s) (1) Ryohei MATSUBARA
(2) Mamoru ISHIZAKI

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned agrees to assign, hereby does assign, transfer and set over to:

- (2) Insert Name of Assignee (2) Toppan Printing Co., Ltd.
(3) Insert State of Incorporation of Assignee (3) Japan
(4) Insert Address of Assignee (4) of: 1-5-1 Taito, Taito-ku, Tokyo 110-8560, Japan
(hereinafter designated as the Assignee) the entire
worldwide right, title, interest, and patent applications and
patents for every country, including divisions, reissues,
continuations and all other extensions, rights and priorities
in the invention known as and related to

- (5) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (5) Title: Thin-Film Transistor Array and Image Display Device
In Which Thin-Film Transistor Array Is Used

Case No. 038915.00227, Serial No.: 13/232,856 for
which the undersigned has executed an application for
patent in the United States of America

- (6) Insert Date of Signing of Application (6) on September 9, 2011

- 1) The undersigned agrees to execute all papers necessary in connection with the application 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.
2) The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

- 3) The undersigned agrees to execute all papers and documents and 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.
- 4) The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorizes and requests the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has not executed and will not execute any agreement in conflict herewith.
- 6) *The undersigned hereby grant(s)*

**The practitioners associated with the Customer Number
44955**

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.

Date 12 / 09 / 2011

Name of Inventor: Ryohei Matsubara
Ryohei MATSUBARA

Date 12 / 09 / 2011

Name of Inventor: Mamoru Ishizaki
Mamoru ISHIZAKI