

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Pioneer Corporation	08/06/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Panasonic Corporation
<b>Street Address:</b>	1006, Oaza Kadoma
<b>City:</b>	Kadoma-shi
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12692228
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<b>ATTORNEY DOCKET NUMBER:</b>	107156.00418
<b>NAME OF SUBMITTER:</b>	Tarik M. Nabi
<b>Total Attachments: 2</b>	
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**CH \$40.00 12692228**

## ASSIGNMENT

WHEREAS, **Pioneer Corporation** (hereinafter "ASSIGNOR"), is the owner of the entire right, title and interest in the application for U.S. Letters Patent as listed in Attachment A as shown in the assignment records of the U.S. Patent and Trademark Office; and

WHEREAS, **Panasonic Corporation**, a corporation of Japan, having an address of 1006, Oaza Kadoma, Kadoma-shi, Japan (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said application for U.S. Letters Patent as listed in Attachment A;

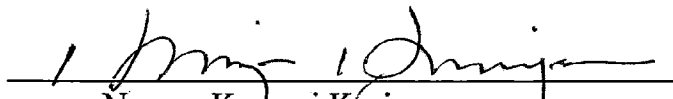
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire right, title and interest in said application for U.S. Letters Patent as listed in Attachment A and any patent and reissue thereof for the full term for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application for U.S. Letters Patent and/or the invention disclosed and claimed therein as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to maintain and enforce said application for U.S. Letters Patent as may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the undersigned has hereunto set hand and seal this 06 day of August, 2009.

PIONEER CORPORATION

  
Name: Kazumi Kuriyama  
Title: Executive Officer, General Manager

**ATTACHMENT A**

U.S. Patent Appl. No.: 11/984,079, filed November 13, 2007  
By: Toshiharu OISHI et al  
For: FLAT DISPLAY APPARATUS