

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Kuniko KOJIMA</td> <td>09/15/2009</td> </tr> <tr> <td>Hayato TAKEUCHI</td> <td>09/15/2009</td> </tr> <tr> <td>Tomohiro SASAGAWA</td> <td>09/15/2009</td> </tr> <tr> <td>Yuzo NAKANO</td> <td>09/15/2009</td> </tr> </tbody> </table>		Name	Execution Date	Kuniko KOJIMA	09/15/2009	Hayato TAKEUCHI	09/15/2009	Tomohiro SASAGAWA	09/15/2009	Yuzo NAKANO	09/15/2009
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Mitsubishi Electric Corporation</td> </tr> <tr> <td>Street Address:</td> <td>7-3, Marunouchi 2-chome, Chiyoda-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>100-8310</td> </tr> </table>		Name:	Mitsubishi Electric Corporation	Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8310
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
Fax Number: (703)205-8050 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703-205-8000 Email: dlabriny@bskb.com Correspondent Name: BIRCH STEWART KOLASCH & BIRCH LLP Address Line 1: P.O. BOX 747 Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747											
ATTORNEY DOCKET NUMBER:	2611-0332PUS1										
NAME OF SUBMITTER:	Michael K. Mutter										
Total Attachments: 1 source=20091019ExecutedAssignment#page1.tif											

CH \$40.00 12535246

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**REEL: 023418 FRAME: 0093**

**PATENT**

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Mitsubishi Electric Corporation

7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

PROJECTION-TYPE DISPLAY APPARATUS

relating to International Patent Application PCT/JP\_\_\_\_/\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on September 15, 2009 (Insert date of execution of application, if not concurrent)

(b) filed on August 4, 2009

Serial No. 12/535,246;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Kuniko Kojima</u> (Signature)	Kuniko KOJIMA (Type Name)	Sep. 15, 2009 (Date)
2) <u>Hayato Takeuchi</u> (Signature)	Hayato TAKEUCHI (Type Name)	Sep. 15, 2009 (Date)
3) <u>Tomohiro Sasagawa</u> (Signature)	Tomohiro SASAGAWA (Type Name)	Sep. 15, 2009 (Date)
4) <u>Yuzo Nakano</u> (Signature)	Yuzo NAKANO (Type Name)	September 15, 2009 (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)
6) _____ (Signature)	_____ (Type Name)	_____ (Date)

PATENT

RECORDED: 10/23/2009

REEL: 023418 FRAME: 0094