

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Toru KIYOHARA</td> <td>06/25/2012</td> </tr> <tr> <td>Masayuki KAWANO</td> <td>06/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Toru KIYOHARA	06/25/2012	Masayuki KAWANO	06/26/2012				
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<table border="1"> <tr> <td>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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Application Number:	13557019										
CORRESPONDENCE DATA											
Fax Number:	7033901277										
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ATTORNEY DOCKET NUMBER:	002500-ME0005										
NAME OF SUBMITTER:	Tim L. Brackett, Jr.										
Total Attachments: 1 source=ASN#page1.tif											

OP \$40.00 13557019

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Toru KIYOHARA and Masayuki KAWANO, hereinafter referred to collectively as the assignors, have invented a certain improvement relating to:

DISPLAY APPARATUS

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to the practitioners associated with the STUDEBAKER & BRACKETT PC **CUSTOMER NUMBER 78198**, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

[] said application having been filed under the Patent Cooperation Treaty on _____, as Serial No. _____, the United States of America being designated.

AND WHEREAS MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignors, the receipt of which is hereby acknowledged, said assignors hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignors might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignors hereby agree to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignors authorize and request the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

The undersigned hereby grant(s) the law firm of STUDEBAKER & BRACKETT PC 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 U.S. Patent and Trademark Office for recordation of this document.

This Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: June 25, 2012 Signature: Toru Kiyohara
Name: Toru KIYOHARA

Date: June 26, 2012 Signature: Masayuki Kawano
Name: Masayuki KAWANO

Date: _____ Signature: _____
Name: _____

Date: _____ Signature: _____
Name: _____

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