

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>Takeshi ADACHI</td> <td>07/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takeshi ADACHI	07/13/2012						
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MITSUMI ELECTRIC CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>2-11-2, Tsurumaki, Tama-shi</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>206-8567</td> </tr> </table>		Name:	MITSUMI ELECTRIC CO., LTD.	Street Address:	2-11-2, Tsurumaki, Tama-shi	City:	Tokyo	State/Country:	JAPAN	Postal Code:	206-8567
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<table border="1"> <tr> <td>Name:</td> <td>ATRC CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>54, Kamakura-Cho, Kumagaya-Shi</td> </tr> <tr> <td>City:</td> <td>Saitama</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>360-0046</td> </tr> </table>		Name:	ATRC CORPORATION	Street Address:	54, Kamakura-Cho, Kumagaya-Shi	City:	Saitama	State/Country:	JAPAN	Postal Code:	360-0046
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13574025</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13574025						
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Application Number:	13574025										
CORRESPONDENCE DATA											
Fax Number:	(202)797-8188										
Phone:	202 797 4181										
Email:	IPUSA@IPUSAPAT.COM, ips@itohpat.co.jp										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	IPUSA, P.L.L.C										
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Address Line 2:	Suite 400										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20007										

CH \$40.00 13574025

ATTORNEY DOCKET NUMBER:	12MM-016
NAME OF SUBMITTER:	Chris Tanner
Total Attachments: 4 source=12MM-016AssignmentRecordation#page1.tif source=12MM-016AssignmentRecordation#page2.tif source=12MM-016AssignmentRecordation#page3.tif source=12MM-016AssignmentRecordation#page4.tif	

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Takeshi ADACHI

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: MITSUMI ELECTRIC CO., LTD.

Internal Address: _____

Street Address: 2-11-2, Tsurumaki, Tama-Shi,

City: Tokyo

State: _____

Country: Japan Zip: 206-8567

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 13, 2012

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: IPUSA, PLLC

Internal Address: _____

Street Address: 1054 31st Street, N.W., Suite 400

City: Washington

State: DC Zip: 20007

Phone Number: 202-797-4181

Fax Number: 202-797-8188

Email Address: ipusa@ipusapat.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-4424

Authorized User Name Christopher M. Tanner

9. Signature:

 [Handwritten Signature]

Signature

 July 19, 2012

Date

Christopher M. Tanner
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

 4

2-1. Additional name(s) and address of receiving party(ies)

Name: ATRC CORPORATION

Internal Address:

Street Address: 54, Kamakura-Cho, Kumagaya-Shi

City: Saitama

State: _____

Country: Japan ZIP: 360-0046

additional name(s) and Address(es) attached? yes no

ASSIGNMENT

THIS ASSIGNMENT, by **(1) Takeshi ADACHI** (hereinafter referred to as "Assignor"), residing at **(1) Kumagaya-Shi, Saitama, Japan**,

WHEREAS, Assignor has invented certain new and useful improvements in

**PICTURE QUALITY CONTROLLING DEVICE, PICTURE QUALITY
CONTROLLING METHOD, AND PICTURE QUALITY CONTROLLING PROGRAM**

set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

WHEREAS, **(1) MITSUMI ELECTRIC CO., LTD.** and **(2) ATRC CORPORATION** (hereinafter referred to as "Assignees"), having offices at **(1) 2-11-2, Tsurumaki, Tama-Shi, Tokyo 206-8567 Japan**, and **(2) 54, Kamakura-Cho, Kumagaya-Shi, Saitama 360-0046 Japan**, respectively, are desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuation-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and Assignment not been made;

AND for the same consideration, Assignor hereby represents and warrants to Assignees, their successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignees under the law or that have already been transferred to Assignees, Assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignees, their successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives, and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignor hereby requests that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns;

AND Assignor hereby grants the following individuals 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: All practitioners associated with the Customer Number 77464.

AND Assignor acknowledges an obligation of assignment of this invention to Assignees at the time the invention was made.

July 13, 2012
Date


Takeshi ADACHI