

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>Shree Jaisimha</td> <td>06/03/2010</td> </tr> <tr> <td>Tatsuya Fujisawa</td> <td>06/03/2010</td> </tr> <tr> <td>Jason Hingerton</td> <td>06/03/2010</td> </tr> <tr> <td>Donald Thomas</td> <td>06/03/2010</td> </tr> <tr> <td>David L Ryan</td> <td>06/03/2010</td> </tr> <tr> <td>Mohammad Reza Kanji</td> <td>06/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Shree Jaisimha	06/03/2010	Tatsuya Fujisawa	06/03/2010	Jason Hingerton	06/03/2010	Donald Thomas	06/03/2010	David L Ryan	06/03/2010	Mohammad Reza Kanji	06/04/2010
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Donald Thomas	06/03/2010														
David L Ryan	06/03/2010														
Mohammad Reza Kanji	06/04/2010														
RECEIVING PARTY DATA															
Name:	Panasonic Automotive Systems Company of America, Division of Panasonic Corporation of North America														
Street Address:	776 Highway 74 South														
City:	Peachtree City														
State/Country:	GEORGIA														
Postal Code:	30269														
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>12813606</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12813606										
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Application Number:	12813606														
CORRESPONDENCE DATA															
Fax Number:	(770)631-5824														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	770-302-1206														
Email:	roachL@us.panasonic.com														
Correspondent Name:	PANASONIC AUTOMOTIVE SYSTEM COMPANY OF A														
Address Line 1:	776 HWY 74 SOUTH														
Address Line 4:	PEACHTREE CITY, GEORGIA 30269														
ATTORNEY DOCKET NUMBER:	11123.1074US														

OP \$40.00 12813606

NAME OF SUBMITTER:

Denise Henning-Wilson

Total Attachments: 4

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**PANASONIC AUTOMOTIVE SYSTEMS COMPANY OF AMERICA
DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA**

Assignment

As a below named inventor or joint inventor of an invention or improvement entitled:

**METHOD AND APPARATUS FOR UTILIZING MODULATION BASED AUDIO
CORRELATION TECHNIQUE FOR MAINTAINING DYNAMIC FM STATION LIST IN SINGLE
TUNER VARIANT AND ASSISTING ALTERNATE FREQUENCY SWITCHING
METHODOLOGY IN SINGLE TUNER AND DUAL TUNER VARIANTS**

filed on _____ and assigned U. S. Serial Number unassigned; and

WHEREAS, PANASONIC AUTOMOTIVE SYSTEMS COMPANY OF AMERICA, DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA, a Corporation, organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of Peachtree City, State of Georgia, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said PANASONIC AUTOMOTIVE SYSTEMS COMPANY OF AMERICA, DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA, its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said PANASONIC AUTOMOTIVE SYSTEMS COMPANY OF AMERICA, DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

And I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

And I hereby further covenant and agree that I will communicate to said PANASONIC AUTOMOTIVE SYSTEMS COMPANY OF AMERICA, DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA, its successors, legal representatives, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said PANASONIC AUTOMOTIVE SYSTEMS COMPANY OF AMERICA, DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signature(s) set forth below on the indicated date(s).

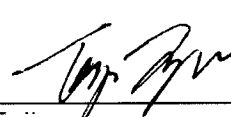
Inventor:



Shree Jaisimha

6/3/2010
Date

Inventor:



Tatsuya Fujisawa

6/3/2010
Date

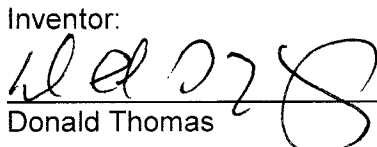
Inventor:



Jason Hingerton

June 3, 2010
Date

Inventor:



Donald Thomas

6/3/10
Date

Inventor:



David L. Ryan

6/3/10
Date

Inventor:

Mohammad Reza Kanji

Date

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Shree Jaisimha

6/3/2010

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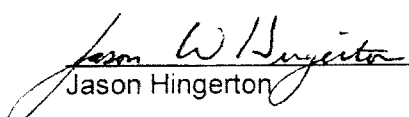


Tatsuya Fujisawa

6/3/2010

Date

Inventor:

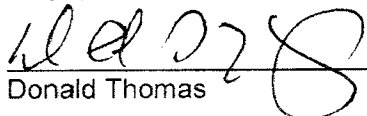


Jason Hingerton

June 3, 2010

Date

Inventor:




Donald Thomas

6/3/10

Date

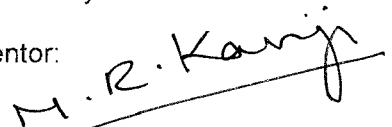
Inventor:



David L. Ryan

Date

Inventor:



Mohammad Reza Kanji

6/4/2010

Date