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RECORD



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):Shree Jaisimha
Tatsuya Fujisawa
Mohammed Reza Kanji**2. Name and address of receiving party(ies):**Name: Laurence S. RoachInternal Address: Panasonic Automotive SystemsCompany of America, Division of Panasonic Corporation
of North AmericaStreet Address: 776 Highway 74 SouthCity: Peachtree CityState: GACountry: US ZIP: 30269Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): 11/25/2008, 11/26/2008, 12/15/2008☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent numbers(s):**

A. Patent Application No.(s)

☒ This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Laurence S. RoachInternal Address: Panasonic Automotive SystemsCompany of America, Division of Panasonic CorporationStreet Address: 776 Highway 74 SouthCity: Peachtree CityState: GA ZIP: 30269Phone Number: 770.302.1519Fax Number: 770.631.5824Email Address: roachL@us.panasonic.com**6. Total number of applications and patents involved:** One (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 _____

Authorized User Name _____

9. Signature:

2/18/2008 WASFAW1 00000012 12316696

Signature

Laurence S. Roach, Registration No. 45,044

Name of Person Signing

Date

Total number of pages including cover sheet, attachments, and document: 3

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to

PATENT

REEL: 022057 FRAME: 0841

**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 CO-CHANNEL INTERFERENCE DETECTION IN
A RADIO**

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

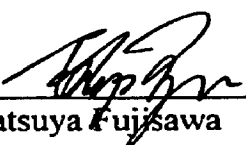
Inventor:



Shree Jaisimha

11/26/08
Date

Inventor:



Tatsuya Fujisawa

11/25/08
Date

Inventor:



Mohammed Reza Kanji

12/15/08
Date