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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)

Sethu K. Madhavan, Andrew J. Macdonald, Ki Hak Yi, and Iqbal M. Surti

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

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

Execution Date(s) 10/18/10, 10/18/10, 10/15/10, 10/19/10

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

2. Name and address of receiving party(ies)

Name: General Motors LLC

Internal Address: 400 Renaissance Center

Mail Code 482-C23-B21

Street Address: _____

City: Detroit

State: MICHIGAN

Country: US Zip 48265-3000

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

12/901841

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James D. Stevens

Internal Address: P.O. Box 4390

Street Address: 755 W. Big Beaver Rd., Suite 1850

City: Troy

State: MICHIGAN Zip: 48099-4390

Phone Number: 248-689-3500

Fax Number: 248-689-4071

Email Address: wilson@reising.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ Paid by EFS

11-12-10

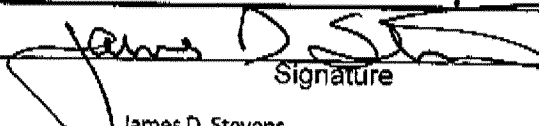
- Authorized to be charged to deposit account
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- None required (government interest not affecting title)

8. Payment Information

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9. Signature:


Signature

35691

December 3, 2010
Date

James D. Stevens

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

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PATENT

REEL: 025382 FRAME: 0027

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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sethu K. Madhavan</td> <td>10/18/2010</td> </tr> <tr> <td>Andrew J. Macdonald</td> <td>10/18/2010</td> </tr> <tr> <td>Ki Hak Yi</td> <td>10/15/2010</td> </tr> <tr> <td>Iqbal M. Surti</td> <td>10/19/2010</td> </tr> </tbody> </table>		Name	Execution Date	Sethu K. Madhavan	10/18/2010	Andrew J. Macdonald	10/18/2010	Ki Hak Yi	10/15/2010	Iqbal M. Surti	10/19/2010
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RECEIVING PARTY DATA											
Name:	General Motors LLC										
Street Address:	400 Renaissance Center										
Internal Address:	Mail Code 482-C23-B21										
City:	Detroit										
State/Country:	MICHIGAN										
Postal Code:	48265-3000										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12901841</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12901841						
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CORRESPONDENCE DATA											
Fax Number:	(248)689-4071										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	F007483-OST-ALS
NAME OF SUBMITTER:	K. Sue Wilson
Signature:	/K. Sue Wilson/
Date:	11/12/2010
Total Attachments: 2 source=Assignment-GMLLC-signed#page1.tif source=Assignment-GMLLC-signed#page2.tif	
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PATENT

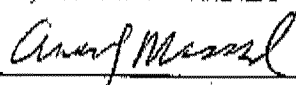
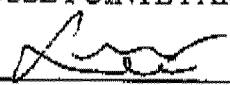
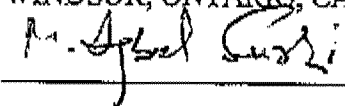
P007483-OST-ALS, Page 1

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS LLC, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application P007483-OST-ALS entitled

MODEM SIGNALING USING A MULTITONE PREFIX OVER A VOICE CHANNEL OF A WIRELESS COMMUNICATION SYSTEM

for which I executed a declaration dated as indicated below. I authorize GENERAL MOTORS LLC, through its attorneys, to insert the application number and filing date of said application here in parentheses (12/901,841; Filed October 11, 2010) when known.

Inventor's signature	_____	Date	_____
Full name :	SETHU K. MADHAVAN	Declaration dated :	_____
Residence :	ERIE, PENNSYLVANIA 16509		_____
Inventor's signature		Date	10/18/2010
Full name :	ANDREW J. MACDONALD	Declaration dated :	_____
Residence :	GROSSE POINTE PARK, MI 48230		_____
Inventor's signature		Date	10/15/2010
Full name :	KI HAK YI	Declaration dated :	_____
Residence :	WINDSOR, ONTARIO, CANADA N9A 6YR		_____
Inventor's signature		Date	10/19/2010
Full name :	IQBAL M. SURTI	Declaration dated :	_____
Residence :	TROY, MICHIGAN 48083		_____


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PATENT

RECORDED: 12/03/2010

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