

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Andrew J. Macdonald</td> <td>09/09/2010</td> </tr> <tr> <td>Sethu K. Madhavan</td> <td>09/10/2010</td> </tr> </tbody> </table>		Name	Execution Date	Andrew J. Macdonald	09/09/2010	Sethu K. Madhavan	09/10/2010
Name	Execution Date						
Andrew J. Macdonald	09/09/2010						
Sethu K. Madhavan	09/10/2010						
RECEIVING PARTY DATA							
Name:	General Motors LLC						
Street Address:	300 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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12876443</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12876443		
Property Type	Number						
Application Number:	12876443						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	P010360-OST-ALS						
NAME OF SUBMITTER:	K. Sue Wilson						

Total Attachments: 2
 source=Assignment-signed#page1.tif

501298122

**PATENT
 REEL: 025027 FRAME: 0184**

CH \$40.00 12876443

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 P010360-OST-ALS entitled

MODEM SIGNALING USING SPEECH COMPONENTS 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 (12/876,443; September 7, 2010) when known.

Inventor's signature *Andrew J. Macdonald* Date 9 September 2010
 Full name : Andrew J. Macdonald Declaration dated :
 Residence : GROSSE POINTE PARK, MICHIGAN 48230 _____

Inventor's signature _____ Date _____
 Full name : Sethu K. Madhavan Declaration dated :
 Residence : CANTON, MICHIGAN 48188 _____

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