

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN MUENCH-CASANOVA	02/04/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
<b>Street Address:</b>	400 ATLANTIC STREET
<b>Internal Address:</b>	15TH FLOOR
<b>City:</b>	STAMFORD
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06901
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14451296
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	JACKIE LABERGE
<b>SIGNATURE:</b>	/Jackie LaBerge/
<b>DATE SIGNED:</b>	11/07/2016
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, STEPHEN MUENCH-CASANOVA of Rochester Hills, MI, PAUL BEETS of Indianapolis, IN, BRIAN BOLINGER of Columbia City, IN, ALEXANDER KLOCHKO of Kiev, Ukraine, and STEVEN EDWARD MONTEALEGRE of Mary Esther, Florida have invented subject matter disclosed and/or claimed in a patent application entitled OPERATING SYSTEM REPLACEMENT FOR IN-VEHICLE COMPUTING SYSTEM, the specification of which:

is attached hereto; or

was filed on August 5, 2013 and has been given application No. 61/862,454

WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Connecticut corporation, having its principal place of business at 400 Atlantic Street, 15th Floor, Stamford, CT 06901, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, we, STEPHEN MUENCH-CASANOVA, PAUL BEETS, BRIAN BOLINGER, ALEXANDER KLOCHKO, and STEVEN EDWARD MONTEALEGRE, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.


We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, as the assignee of our entire right, title, and interest in and to the same, for the sole use of HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns.

Further, we hereby covenant and agree to and with HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns, at the time of execution and delivery of these presents, that we are the sole and lawful owner of the entire right, title, and

interest in and to the invention and the above-identified patent application, and that the same are unencumbered, and that we have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, we agree that we will communicate to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, or its representatives, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, make all rightful oaths, and generally do everything possible to aid HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this FOURTH day of FEBRUARY, 2014.

  
STEPHEN MUENCH-CASANOVA

Witness:

Signature: 

Name: AMY A. CHU

Address: 39001 W. 12 MILE RD

City & State: Farmington Hills, MI

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
PAUL BEETS

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
BRIAN BOLINGER

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
ALEXANDER KLOCHKO

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
STEVEN EDWARD MONTEALEGRE

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_