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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRIS N. HAGEN	05/12/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15968563

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NAME OF SUBMITTER:	CARALINA M. CASPERSON
SIGNATURE:	/Caralina M. Casperson/
DATE SIGNED:	05/01/2018

Total Attachments: 1

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PATENT 504894887 REEL: 045686 FRAME: 0852

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ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention COMPLEMENTARY DRIVER ALIGNMENT
As the below named inventor, I hereby declare that:
This declaration is directed to:
 □ The attached application, or □ United States or PCT international application number 62/507,706 filed on May 17, 2017. (I hereby authorize the insertion of the application filing date and number when they become known
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.
I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a corporation organized and existing under the laws of the state of Delaware, and having a place of business at 400 Atlantic Street, 15th Floor, Stamford, Connecticut 06901, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.
LEGAL NAME OF INVENTOR
Inventor: Chris N. Hagen Date: OS/12/17
Signature: Aui Hayle
Page 1 (Supplemental Sheet with Additional Junat Inventors is attached if necessary)
Note: An Application Data Sheet (PTO/SB/14 or emission), including maming the entire inventive entity, must accompany this form.

PATENT REEL: 045686 FRAME: 0853

RECORDED: 05/01/2018