Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2625175

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RALPH HYDE	11/05/2013
ALEXANDER SALVATTI	11/20/2013
ALEXANDER VOISHVILLO	11/05/2013

RECEIVING PARTY DATA

Name:	HARMAN INTERNATIONAL INDUSTRIES, INC.
Street Address:	400 ATLANTIC STREET
City:	STAMFORD
State/Country:	CONNECTICUT
Postal Code:	06901

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14086552

CORRESPONDENCE DATA

Fax Number: (248)358-3351 Phone: (248) 358-4400

Email: apage@brookskushman.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: BROOKS KUSHMAN P.C. 1000 TOWN CENTER Address Line 1:

Address Line 2: **SUITE 2200**

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	HARM 0221 PUS
NAME OF SUBMITTER:	MARTIN J. SULTANA
Signature:	/Martin J. Sultana/
	PATENT

REEL: 031656 FRAME: 0191

Date:	11/22/2013
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif	

PATENT REEL: 031656 FRAME: 0192

Attorney Docket Number	HARM 0221 PUS

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invent	ion	INVERTED DUAL COAL TRANSDUCER
		COIL
As a below name	d inventor, I here	eby declare that:
This declaration i	is directed to:	
\boxtimes	The attached ap	oplication, or
		pplication or PCT international application number filed on (I hereby authorize the
:	insertion of the	application filing date and number when they become known.)
The above-identi	fied application	was made or authorized to be made by me.
I believe that I ar	n the original inv	rentor or an original joint inventor of a claimed invention in the application.
I hereby state tha	t I have reviewed	d and understand the contents of the above-identified specification, including the claims.
l am aware of the as defined in 37 of	e duty to disclose C.F.R. § 1.56.	e to the U.S. Patent and Trademark Office all information known to me to be material to patentability
over to Harman and having a pla assigns or other in the above-ider applications and names, or in my legal representat countries, include reexaminations a	International Ind ce of business at legal representation tified application to receive Letter name, at its or thives, all rights cling all application reissue application of reissue application of the control of the	
applications for	etters Patent of	my heirs, successors, assigns or other legal representatives to execute any and all papers, including any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, gal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.
And I hereby rep	resent and warra	ant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknow imprisonment of	viedge that any not more than fi	willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ive (5) years or both.
LEGAL NAME	OF INVENTOR	
Inventor: R	ALPH HYDE	Date: 11-5-13
Signature:	Rayh	Mayde
Page 1 (Supplen	nental Sheet with	n Additional Joint Inventors is attached if necessary)
Note: An Applica	tion Data Sheet (P	TO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number	HARM 0221 PUS

SUPPLEMENTAL SHEET FOR ASSIGNMENT AND DECLARATION Additional Inventors Page 2 (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) INVERTED DUAL COAL TRANSDUCER Title of Invention COIL Legal Name of Additional Joint Inventor: 11/20/2013 Date: Inventor: Signature: Legal Name of Additional Joint Inventor: Date: ALEXANDER VOISHVILLO Inventor: صملا Signature: Legal Name of Additional Joint Inventor: Date: Inventor: Signature: Legal Name of Additional Joint Inventor: Date: Inventor: Signature: Legal Name of Additional Joint Inventor: Date: Inventor: Signature: Legal Name of Additional Joint Inventor: Date: Inventor:

PATENT REEL: 031656 FRAME: 0194

RECORDED: 11/22/2013

Signature: