

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7309528

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNOR'S NAME FROM DAVIDE DE CENSO TO DAVIDE DI CENSO previously recorded on Reel 048090 Frame 0753. Assignor(s) hereby confirms the ASSIGNMENT.

**CONVEYING PARTY DATA**

Name	Execution Date
STEFAN MARTI	07/18/2017
JOSEPH VERBEKE	07/18/2017
ADAM BOULANGER	07/18/2017
DAVIDE DI CENSO	07/19/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
<b>Street Address:</b>	400 ATLANTIC STREET
<b>City:</b>	STAMFORD
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06901

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16319330

**CORRESPONDENCE DATA**

**Fax Number:** (408)715-1201

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** (408) 715-1211

**Email:** taustin@artegislaw.com, algdocketing@artegislaw.com

**Correspondent Name:** ARTEGIS LAW GROUP LLP

**Address Line 1:** 710 LAKEWAY DRIVE, SUITE 120

**Address Line 4:** SUNNYVALE, CALIFORNIA 94085

<b>ATTORNEY DOCKET NUMBER:</b>	HRMN0267USP
<b>NAME OF SUBMITTER:</b>	HENRY L. WELCH
<b>SIGNATURE:</b>	/Henry L. Welch/
<b>DATE SIGNED:</b>	05/02/2022

**Total Attachments: 5**

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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5336211

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEFAN MARTI	07/18/2017
JOSEPH VERBEKE	07/18/2017
ADAM BOULANGER	07/18/2017
<del>DAVIDE DE CENSO</del> <u>DAVIDE DI CENSO</u>	07/19/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
<b>Street Address:</b>	400 ATLANTIC STREET
<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>	16319330
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)715-1201
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	4087151211
<b>Email:</b>	kcruz@artegislaw.com, algdocketing@artegislaw.com
<b>Correspondent Name:</b>	ARTEGIS LAW GROUP, LLP - HARMAN
<b>Address Line 1:</b>	710 LAKEWAY DRIVE, SUITE 185
<b>Address Line 4:</b>	SUNNYVALE, CALIFORNIA 94085
<b>ATTORNEY DOCKET NUMBER:</b>	HRMN0267USP
<b>NAME OF SUBMITTER:</b>	JOHN C. CAREY
<b>SIGNATURE:</b>	/John C. Carey/
<b>DATE SIGNED:</b>	01/22/2019
<b>Total Attachments: 4</b>	
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**PATENT**  
**REEL: 059846 FRAME: 0776**

### ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Stefan MARTI 22 Starview Drive Oakland, CA 94618	2)	Joseph VERBEKE 565 Ortega Ave., Apt. 8 Mountain View, CA 94040
3)	Adam BOULANGER 595 E Meadow Dr. Palo Alto, California 94306	4)	Davide DI CENSO 445 Firloch Ave., Apt. 1 Sunnyvale, CA 94086

(hereinafter referred to as Assignors), have invented a certain invention entitled:

#### ECHOLOCATION WITH HAPTIC TRANSDUCER DEVICES

enclosed herewith or for which an international application was filed on \_\_\_\_\_ under Application No. \_\_\_\_\_; and

WHEREAS, Harman International Industries, Incorporated, a corporation having a place of business at 400 Atlantic Street, Stamford, CT 06901 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court




actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of **Artegis Law Group, LLP**, to insert above the filing date and/or Application No. of said application.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	<u>Jul 18, 2017</u> (DATE)	 Stefan MARTI
2)	<u>7.18.17</u> (DATE)	 Joseph VERBEKE
3)	<u>7/18/17</u> (DATE)	 Adam BOULLANGER
4)	_____ (DATE)	_____ Davide DI CENSO

### ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Stefan MARTI 22 Starview Drive Oakland, CA 94618	2)	Joseph VERBEKE 565 Ortega Ave., Apt. 8 Mountain View, CA 94040
3)	Adam BOULANGER 595 E Meadow Dr. Palo Alto, California 94306	4)	Davide DI CENSO 445 Firloch Ave., Apt. 1 Sunnyvale, CA 94086

(hereinafter referred to as Assignors), have invented a certain invention entitled:

#### ECHOLOCATION WITH HAPTIC TRANSDUCER DEVICES

enclosed herewith or for which an international application was filed on \_\_\_\_\_ under Application No. \_\_\_\_\_; and

WHEREAS, Harman International Industries, Incorporated, a corporation having a place of business at 400 Atlantic Street, Stamford, CT 06901 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court


actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of Artegis Law Group, LLP, to insert above the filing date and/or Application No. of said application.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	_____ (DATE)	_____
		Stefan MARTI
2)	_____ (DATE)	_____
		Joseph VERBEKE
3)	_____ (DATE)	_____
		Adam BOULANGER
4)	July 19 <sup>th</sup> , 2017 (DATE)	
		Davide DI CENSO