

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3198458

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DOUG BUTTON	10/14/2013
RECEIVING PARTY DATA		
Name:	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED	
Street Address:	400 ATLANTIC STREET	
City:	STAMFORD	
State/Country:	CONNECTICUT	
Postal Code:	06901	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14599266
CORRESPONDENCE DATA		
Fax Number:	(503)459-4142	
<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>		
Phone:	5034594141	
Email:	laberge@ahmrt.com	
Correspondent Name:	ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP	
Address Line 1:	806 SW BROADWAY	
Address Line 2:	SUITE 600	
Address Line 4:	PORTLAND, OREGON 97205	
ATTORNEY DOCKET NUMBER:	P09010USD	
NAME OF SUBMITTER:	JACKIE LABERGE	
SIGNATURE:	/Jackie LaBerge/	
DATE SIGNED:	01/26/2015	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, Doug Button, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled PASSIVE GROUP DELAY BEAM FORMING, for a full description of which reference is here made to an application for Letters Patent of the United States filed on January 8, 2010 and assigned Application Serial No. 12/684,598;

WHEREAS, Harman International Industries, Incorporated, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 400 Atlantic Street, Stamford, CT 06901, USA, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED:

10/14/2013


DOUG BUTTON

STATE OF

)

) ss.

COUNTY

)

OF

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that DOUG BUTTON personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this ____ day of _____, 2013.

Notary Public

My Commission Expires: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

State of California

County of Los Angeles

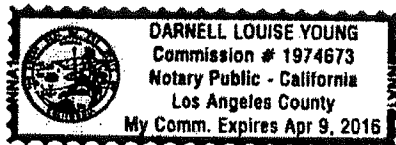
On Oct 14 2013 before me,

Darnell L. Young
Here Insert Name and Title of the Officer

personally appeared

Douglas Button
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature: [Signature]

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment

Document Date: 10/14/13

Number of Pages: 2

Signer(s) Other Than Named Above: X

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Individual

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here