

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BANG & OLUFSEN A/S	01/30/2017
RECEIVING PARTY DATA		
Name:	HARMAN BECKER AUTOMOTIVE SYSTEMS MANUFACTURING KFT	
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State/Country:	HUNGARY	
Postal Code:	H-8000	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	13581629
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NAME OF SUBMITTER:	MARTIN J. SULTANA	
SIGNATURE:	/Martin J. Sultana/	
DATE SIGNED:	02/03/2017	
Total Attachments: 6		
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**CONFIRMATION OF PATENT ASSIGNMENT
AND ASSIGNMENT *NUNC PRO TUNC***

This Assignment is effective May 29, 2015, by and between Harman Becker Automotive Systems Manufacturing Kft (hereinafter referred to as "Harman"), a Hungarian corporation, having a place of business at Holland fasor 19, H-8000 Székesfehérvár, Hungary, and Bang & Olufsen A/S (hereinafter referred to as "B & O"), a Danish corporation, having a place of business at Peter Bangs Vej 15, DK-7600 Struer, Denmark;

WHEREAS, Harman has purchased certain assets of B & O via a Business Transfer Agreement on May 29, 2015 (the "Purchase Agreement");

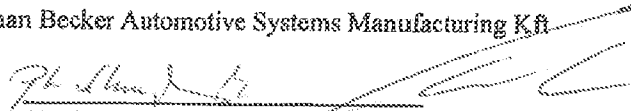
WHEREAS, B & O was the sole and exclusive owner of the patents and patent applications listed on Appendix A (the "Patents"), attached hereto, prior to the execution of the Purchase Agreement; and

WHEREAS, Harman acquired all right, title, and interest in, to, and under the Patents and the inventions covered thereby via the Purchase Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, said B & O, has assigned, transferred, and set over, and does hereby assign, transfer, and set over, *nunc pro tunc* effective as of May 29, 2015, to said Harman the entire right, title, and interest in and to said Patents, in any continuations, continuations-in-part, divisions, or reissues thereof, and in and to the inventions described therein, in the United States and all countries foreign thereto, including the right of priority under the International Convention and later modifications thereof, and to any letters Patent to issue therefrom, and including the right to sue and be entitled to any damages for infringement prior to the date hereof, the same to be held and enjoyed by Harman, for its own use and benefit, to the full end of the term for which said patents are enforceable, as fully and entirely as the same would have been held by B & O had this assignment not been made.

Harman Becker Automotive Systems Manufacturing Kft

By:


(Authorized Signature)


2/11/2011

PREZIDENT I. ERNEST NYAN Kft
(Printed Signatory's Name)

COMPANY LEADER MANAGING DIRECTOR
(Printed Signatory's Title)

Bang & Olufsen A/S

By:



(Authorized Signature)

30th January 2017

(Date)

Ben Verbraak

(Printed Signatory's Name)

Senior Patent Manager

(Printed Signatory's Title)

APPENDIX A

Patent/Publication Listing

Application No.	Filing Date	Publication No.	Country	Title
PA2014 00496	2014-09-03		Denmark	Sound system for Audi A1 successor
			PCT	Sound system for Audi A1 successor
PA2015 00091	2015-02-16		Denmark	A Sound System with Controlled Directivity of Sound Distribution and Compact Build Form
			PCT	A Sound System with Controlled Directivity of Sound Distribution and Compact Build Form
201060065614.8	2010-09-28	102604814	China	Multichannel sound reproduction method and device
PA2010 00261	2010-03-26		Denmark	Multichannel sound reproduction method and device
10765607.6	2010-09-28	2550813	EP	Multichannel sound reproduction method and device
13/581629	2010-09-28	US20130010870	US	Multichannel sound reproduction method and device
PCT/EP2010/064389	2010-09-28	WO2011/116839	PCT	Multichannel sound reproduction method and device
10/598208	2004-02-20	US2007-0140508	US	Loudspeaker assembly
PCT/DK2004/000114	2004-02-20	WO2005/081520	PCT	Loudspeaker assembly
PA2008 00937	2008-07-03		Denmark	A system and a method for configuring of loudspeaker system
09772507.1	2009-07-02	2308245	EP	A system and a method for configuring of loudspeaker system
PCT/EP2009/056337	2009-07-02	WP2010/000807	PCT	A system and a method for configuring of loudspeaker system
PA2008 01258	2008-08-08		Denmark	Configuring a sound field
PA2008 01317	2008-08-22		Denmark	Configuring a sound field
PA2009 00336	2009-03-11		Denmark	Configuring a sound field
09169687.2	2009-09-08	2161950	EP	Configuring a sound field
PA2010 00031	2010-01-15		Denmark	A method and a system for an acoustic curtain that reveals and closes a sound scene
13/519242	2010-12-06	US20120288122	US	A method and a system for an acoustic curtain that reveals and closes a sound scene
PCT/EP2010/068889	2010-12-06	WO2011/085870	PCT	A method and a system for an acoustic curtain that reveals and closes a sound scene
PA 2010 00301	2010-04-12		Denmark	A method of adapting noise reduction and a system for providing audio with noise reduction
10165978.6	2010-06-23	2375408	EP	A method of adapting noise

Application No.	Filing Date	Publication No.	Country	Title
				reduction and a system for providing audio with noise reduction
201080067354.3	2010-12-08	103733648	China	Adaptive sound field control
10788313.4	2010-12-08	2591617	Germany	Adaptive sound field control
PA 2010 00609	2010-07-09		Denmark	Adaptive sound field control
10788313.4	2010-12-08	2591617	EP	Adaptive sound field control
10788313.4	2010-12-08	2591617	France	Adaptive sound field control
10788313.4	2010-12-08	2591617	UK	Adaptive sound field control
10788313.4	2010-12-08	2591617	Italy	Adaptive sound field control
13/702120	2010-12-06	US20130101137	US	Adaptive sound field control
PCT/EP2010/068934	2010-12-06	WO2012/003894	PCT	Adaptive sound field control
201180033363.X	2011-05-31	103026736	China	A method and an apparatus for a user to select one of a multiple of audio tracks
602011006977.2	2011-05-31		Germany	A method and an apparatus for a user to select one of a multiple of audio tracks
PA 2010 00600	2011-07-06		Denmark	A method and an apparatus for a user to select one of a multiple of audio tracks
11726087.7	2011-05-31	2591614	EP	A method and an apparatus for a user to select one of a multiple of audio tracks
11726087.7	2011-05-31		France	A method and an apparatus for a user to select one of a multiple of audio tracks
11726087.7	2011-05-31		UK	A method and an apparatus for a user to select one of a multiple of audio tracks
13/808774	2011-05-31	US20130116811	US	A method and an apparatus for a user to select one of a multiple of audio tracks
PCT/EP2011/058973	2011-05-31	WO2012/004057	PCT	A method and an apparatus for a user to select one of a multiple of audio tracks
201280056843.5	2012-11-22	103974855	China	A vehicle, a boat or an airplane comprising a control system for light sources, comfort and multimedia equipment
PA 2011 00915	2011-11-22		Denmark	A vehicle, a boat or an airplane comprising a control system for light sources, comfort and multimedia equipment
PA 2011 00917	2011-11-23		Denmark	A vehicle, a boat or an airplane comprising a control system for light sources, comfort and multimedia equipment
14/359763	2012-11-22	US20140324299	US	A vehicle, a boat or an airplane comprising a control system for light sources, comfort and multimedia equipment
PCT/EP2012/073378	2012-11-22	WO2013/076204	PCT	A vehicle, a boat or an airplane

Application No.	Filing Date	Publication No.	Country	Title
				comprising a control system for light sources, comfort and multimedia equipment
PA 2012 00413	2012-06-19		Denmark	A sound transducer with a narrow directivity
PA 2013 00016	2013-01-10		Denmark	Modular automotive loudspeaker box
PA 2013 00471	2013-08-20	DK201300471	Denmark	System for dynamically modifying car audio system tuning parameters
PA 2014 00295	2014-08-02		Denmark	Dynamic Config of Multichannel
PCT/EP2015/061679	2015-05-27	2015/185406	PCT	Dynamic Config of Multichannel
PA 2012 00506	2012-08-17		Denmark	A vehicle comprising a loudspeaker having a sound guide opening into a head rest of the vehicle
13180903.0	2013-08-19	2699018	EP	A vehicle comprising a loudspeaker having a sound guide opening into a head rest of the vehicle
201480048559.6	2014-08-15	150637903	China	A system for and a method of generating sound
PA 2013 00535	2013-09-19		Denmark	A system for and a method of generating sound
14752326.0	2014-08-15	3036919	EP	A system for and a method of generating sound
14/912894	2014-08-15	20160205491	US	A system for and a method of generating sound
PCT/EP2014/067503	2014-08-15	WO2015/024881	PCT	A system for and a method of generating sound
PA 2014 00470	2014-08-22		Denmark	Configuring plurality of sounds in a closed compartment
PA 2014 00500	2014-09-04		Denmark	Configuring plurality of sounds in a closed compartment
PA 2014 00381	2014-07-14		Denmark	Configuring plurality of sounds in a closed compartment
PCT/EP2015/061240	2015-05-21	2016008621	PCT	Configuring plurality of sounds in a closed compartment
PA2015 00072	2015-02-10		Denmark	Basic Auto Sound

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