## 504156476 12/28/2016

## **PATENT ASSIGNMENT COVER SHEET**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KUNIAKI YAMAMOTO	12/15/2016

### **RECEIVING PARTY DATA**

Name:	ONKYO Corporation
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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15391980

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	ONKYP0231US
NAME OF SUBMITTER:	MARK D. SARALINO
SIGNATURE:	/Mark D. Saralino/
DATE SIGNED:	12/28/2016

## **Total Attachments: 3**

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PATENT 504156476 REEL: 040787 FRAME: 0129

COMBINED DECLARATION AND ASSIGNMENT U (ORIGINAL, DESIGN, NATI		A SHEET (37 CFR 1.76)	
AUDIO PROCESSING DEVICE Title:			
I. DE	ECLARATION		
As a below named inventor or joint inventor, I hereby de	eclare that:		
This declaration is directed to:	U.S. Application	n No. 15/391,980	
(a) X the attached application, or	Filing Date: 28 December 2016		
(b) United States application or PCT intern filed on	ational application number		
The above-identified application was made or authorize	d by me.		
I believe that I am the original inventor or an original join	nt inventor of a claimed inve	ention in the application.	
I hereby state that I have reviewed and understand the	contents of the above-ident	tified application.	
I hereby acknowledge the duty to disclose to the U.S. P me to be material to patentability as defined in 37 C.F.R		e all information known to	
I hereby acknowledge that any willful false statement m 1001 by fine or imprisonment of not more than five (5) y		ounishable under 18 USC	
PRIORITY	CLAIM		
I hereby claim foreign priority benefits under Title 35, Unfor patent or inventor's certificate or of any PCT international other than the United States of America listed below and for patent or inventor's certificate or any PCT international other than the United States of America filed by me on that of the application(s) of which priority is claimed.	tional application(s) design I have also identified below onal application(s) designa	ating at least one country any foreign application(s) ating at least one country	
(c) no such application have been filed.			
(d) X such applications have been filed as follows	S.		
EARLIEST FOREIGN APPLICATION(S) (6 MONTHS FOR DESIGN) PRIOR			
COUNTRY APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119	

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)			CLAIMI USC §	
JP	2016-001150	06 January 2016	X	Yes		No
JP	2016-178772	13 September 2016	X	Yes		No
				Yes		No

PATENT<sup>99/01/2012</sup>
REEL: 040787 FRAME: 0130

#### **II. ASSIGNMENT**

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

#### ASSIGNEE:

Onkyo Corporation 2-1, Nisshin-cho, Neyagawa-shi Osaka 572-0028 Japan

#### Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, and other applications based in whole or in part upon the invention(s) or upon the application(s);

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for the invention(s) or upon the application(s); and

every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

Attorney Docket No. ONKYP0231US

PATENT (US)

Full Name of Sole or	First Inventor and Assignor:	Kuniaki YAI	MAMOTO
Inventor's signature:	Kuniaki Yumamot	.o Dat	ite: 20/6, 12.15
Post Office Address:	c/o Onkyo & Pioneer Technology 2-1, Nisshin-cho, Neyagawa-shi Osaka 572-0028 Japan	/ Corporation	

# CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

	Signature for sixth and subsequent joint inventors and assignors; number of pages added
	Added page to this combined declaration and assignment for divisional, continuation, or continuation-in-part (CIP) application.
Х	This combined declaration and assignment ends with this page.

09/01/2012