PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takashi YAMADA	08/13/2010
Kazushige OTSU	08/13/2010

RECEIVING PARTY DATA

Name:	ONKYO Corporation	
Street Address:	2-1, Nisshin-cho, Neyagawa-shi	
City:	Osaka	
State/Country:	JAPAN	
Postal Code:	572-8540	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12861956

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: ONKYP0159US

NAME OF SUBMITTER: Mark D. Saralino

Total Attachments: 2

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PATENT

REEL: 024878 FRAME: 0112

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ASSIGNMENT

WHEREAS:

NAME(S) AND ADDRESS(ES) OF INVENTOR(S)

Takashi YAMADA c/o Onkyo Corporation 2-1, Nisshin-cho, Neyagawa-shi Osaka 572-8540 **JAPAN**

Kazushige OTSU c/o Onkyo Corporation 2-1, Nisshin-cho, Neyagawa-shi Osaka 572-8540 **JAPAN**

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

TITLE OF INVENTION VOLUME CONTROL SYSTEM, CONTROLLER, AND AMPLIFYING APPARATUS

for which application for Letters Patent of the United States has been:

PARTICULARS OF APPLICATION

executed concurrently herewith, filed under U.S. Application No. 12/861,956 on 24 AUG 2010, or

[]

filed under Express Mail Label No._____ on ___

WHEREAS:

INCORPORATION AND ADDRESS OF ASSIGNEE **ONKYO** Corporation 2-1, Nisshin-cho, Neyagawa-shi Osaka 572-8540 JAPAN

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention (including all inventions should said application be deemed to include multiple inventions).

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that ASSIGNOR has the full power to make this assignment and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce patent protection for said invention in all countries.

> **PATENT** REEL: 024878 FRAME: 0113

Attorney Docket No. ONKYP0159US

RECORDED: 08/24/2010

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 assignment document when that information becomes available.

FULL NAME(S) OF INVENTORS(S)

Date August 13, 2010

Date August 13, 2010 Kazushige OTSU

PATENT REEL: 024878 FRAME: 0114