

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	<b>CORRECTIVE ASSIGNMENT</b>												
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Attorney Docket Number previously recorded on Reel 026651 Frame 0327. Assignor(s) hereby confirms the Attorney Docket Number is ONKYP0169US.												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tsuyoshi KAWAGUCHI</td> <td>07/05/2011</td> </tr> <tr> <td>Norimasa KITAGAWA</td> <td>07/05/2011</td> </tr> <tr> <td>Mamoru SEKIYA</td> <td>07/05/2011</td> </tr> <tr> <td>Naofumi SHIMASAKI</td> <td>07/05/2011</td> </tr> <tr> <td>Yu TAKEHARA</td> <td>07/05/2011</td> </tr> </tbody> </table>		Name	Execution Date	Tsuyoshi KAWAGUCHI	07/05/2011	Norimasa KITAGAWA	07/05/2011	Mamoru SEKIYA	07/05/2011	Naofumi SHIMASAKI	07/05/2011	Yu TAKEHARA	07/05/2011
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<p><b>Fax Number:</b> (216)621-6165  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 2166211113  <b>Email:</b> carndt@rennerotto.com  <b>Correspondent Name:</b> Mark D Saralino  <b>Address Line 1:</b> Renner, Otto, Boisselle &amp; Sklar, LLP  <b>Address Line 2:</b> 1621 Euclid Avenue, Nineteenth Floor  <b>Address Line 4:</b> Cleveland, OHIO 44115</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	ONKYP0169US												

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**PATENT**  
**REEL: 026756 FRAME: 0963**

NAME OF SUBMITTER:

Mark D. Saralino

**Total Attachments: 6**

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TO: MARK D SARALINO COMPANY: RENNER, OTTO, BOISSELLE &amp; SKLAR, LLP

## PATENT ASSIGNMENT

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501606692

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NAME OF SUBMITTER:	Mark D. Saralino												
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif													

OP \$40.00 13190591

**ASSIGNMENT**

**WHEREAS:**

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

Tsuyoshi KAWAGUCHI  
c/o Onkyo Sound & Vision Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

Norimasa KITAGAWA  
c/o Onkyo Sound & Vision Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

Mamoru SEKIYA  
c/o Onkyo Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

Naofumi SHIMASAKI  
c/o Onkyo Sound & Vision Corporation  
2-1, Nisshin-cho, Neyagawa-shi  
Osaka 572-8540 JAPAN

Yu TAKEHARA  
c/o Onkyo Sound & Vision 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

**AMPLIFYING CIRCUIT AND CURRENT-VOLTAGE CONVERSION CIRCUIT**

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

PARTICULARS OF  
APPLICATION

☒ executed concurrently herewith,  
☒ filed under U.S. Application No. 13/190,591 on 26 July 2011, or  
☐ filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS:**

NAME, STATE OF  
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.

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  
INVENTOR(S)

Date July 5, 2011

Tsuyoshi Kawaguchi  
Tsuyoshi KAWAGUCHI

Date July 5, 2011

Norimasa Kitagawa  
Norimasa KITAGAWA

Date July 5, 2011

Mamoru Sekiya  
Mamoru SEKIYA

Date July 5, 2011

N. Shimasaki  
Naofumi SHIMASAKI

Date July 5, 2011

Yu Takehara  
Yu TAKEHARA