

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2660905

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>TADAHIKO YOSHIOKA</td> <td>12/16/2013</td> </tr> <tr> <td>KOICHI HIRASAWA</td> <td>12/16/2013</td> </tr> <tr> <td>YOSHINORI ARUGA</td> <td>12/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	TADAHIKO YOSHIOKA	12/16/2013	KOICHI HIRASAWA	12/16/2013	YOSHINORI ARUGA	12/16/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>KOA CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>3672, ARAI</td> </tr> <tr> <td>City:</td> <td>INA-SHI, NAGANO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>396-0025</td> </tr> </table>		Name:	KOA CORPORATION	Street Address:	3672, ARAI	City:	INA-SHI, NAGANO	State/Country:	JAPAN	Postal Code:	396-0025
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CORRESPONDENCE DATA											
<p>Fax Number: (202)822-1111</p> <p>Phone: (202) 822-1100</p> <p>Email: patentmail@whda.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: WHDA</p> <p>Address Line 1: 1250 CONNECTICUT AVENUE, NW, SUITE 700</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20036</p>											
ATTORNEY DOCKET NUMBER:	131620										
NAME OF SUBMITTER:	KEN-ICHI HATTORI										
Signature:	/Ken-Ichi Hattori/										
Date:	12/26/2013										
<p>Total Attachments: 1</p> <p>source=131620_Assignment_12_26_2013#page1.tif</p>											

OP \$40.00 14129409

PATENT

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by  
**1) KOA CORPORATION of 3672, Arai, Ina-shi, Nagano 396-0025 Japan**

(Insert ASSIGNEE's  
Name(s) Address(es))

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

SHUNT RESISTOR DEVICE

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on \_\_\_\_\_ Serial No. \_\_\_\_\_

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Tadahiko Yoshioka  
(Signature)

Tadahiko YOSHIOKA  
(Type Name)

December 16, 2013  
(Date)

Koichi Hirasawa  
(Signature)

Koichi HIRASAWA  
(Type Name)

December 16, 2013  
(Date)

Yoshinori Aruga  
(Signature)

Yoshinori ARUGA  
(Type Name)

December 16, 2013  
(Date)

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(Signature)

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NO LEGALIZATION REQUIRED