

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tadahiko YOSHIOKA	02/23/2012
RECEIVING PARTY DATA	
Name:	KOA CORPORATION
Street Address:	3672, Arai
City:	Ina-shi, Nagano
State/Country:	JAPAN
Postal Code:	396-0025
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13473692
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	120557
NAME OF SUBMITTER:	Crystal Boyer
Total Attachments: 1 source=120557_Assignment_05-11-2012#page1.tif	

OP \$40.00 13473692

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 AND METHOD FOR MANUFACTURING THE SAME

(*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)

February 23, 2012
 (Date)

 (Signature)

 (Type Name)

 (Date)

 (Signature)

 (Type Name)

 (Date)

 (Signature)

 (Type Name)

 (Date)

 (Signature)

 (Type Name)

 (Date)

 (Signature)

 (Type Name)

 (Date)

NO LEGALIZATION REQUIRED

PATENT