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Our Docket No.: 811\_064

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents on hand thereof.

## 1. Name of conveying party(ies)

Shoji YOKOI, Yoshihiro KOBAYASHI and  
Masayuki TAKAHASHIAdditional name(s) of conveying parties attached ☒ No

## 2. Name and address of receiving party(ies):

Name: NGK INSULATORS, LTD.  
Address: 2-56, Suda-Cho, Mizuho-Ku  
Nagoya-City, Aichi-Prefecture 467-8530  
JapanName: SEIKO EPSON CORPORATION  
Address: 4-1, Nishishinjuku 2-chome  
Shinjuku-ku, Tokyo 163-0811  
JapanName: NIPPON PRECISION CIRCUITS INC.  
Address: 4-3, Fukuzumi 2-chome  
Koto-ku, Tokyo 135-8430  
Japan

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date February 18, 2005

## 4. Application number(s) or patent number(s)

If this document is being filed together with a **NEW APPLICATION**, the execution date of this application is .

A. Patent Application No.(s)

11/039,060 filed January 19, 2005

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Stephen P. Burr

Address: BURR & BROWN  
P.O. Box 7068  
Syracuse, NY 13261-7068  
Telephone: (315) 233-8300  
Facsimile: (315) 233-83206. Total number of application and patents involved: 1

## 7. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed  
☒ Authorized to charge any deficiency or credit any over  
payment to Deposit Account No. 50-1446.

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## 8. Statement and Signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stephen P. Burr  
Reg. No. 32,970May 27, 2005  
DateTotal Number of Pages Comprising Cover Sheet 3

Mail documents to be recorded with required cover sheet information to:

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## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1)	<u>Shoji YOKOI</u>	(5)	_____
(2)	<u>Yoshihiro KOBAYASHI</u>	(6)	_____
(3)	<u>Masayuki TAKAHASHI</u>	(7)	_____
(4)	_____	(8)	_____

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) NGK INSULATORS, LTD.  
; Seiko Epson Corporation  
; and Nippon Precision Circuits Inc.

(10) Insert address of Assignee

(10) 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-prefecture, 467-8530 Japan  
; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 Japan  
; and 4-3, Fukuzumi 2-chome, Koto-ku, Tokyo 135-8430 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(11) DETECTION CIRCUITS, DETECTION METHOD AND SYSTEMS  
FOR MEASURING PHYSICAL QUANTITIES  
\_\_\_\_\_  
\_\_\_\_\_

for which the undersigned have executed an application for patent in the United States of America

(12) Insert Date of Signing of Application

(12) on February 18, 2005

(13) Alternative identification

(13) U.S. Application(s) Serial Number(s) 11/039,060  
for filed application(s) filed on January 19, 2005

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm **BURR & BROWN** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

**In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).**

Date 18 February 2005 Signature Shoji YOKOI (SEAL)  
Shoji YOKOI

Date 18 February 2005 Signature Yoshihiro KOBAYASHI (SEAL)  
Yoshihiro KOBAYASHI

Date 18 February 2005 Signature Masayuki Takahashi (SEAL)  
Masayuki TAKAHASHI

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_