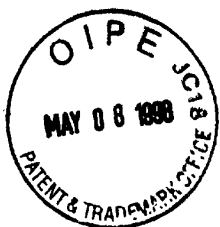


08-19-1998



100796573

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Resub.

In re Application of

Yasushi OKUMURA

Serial No.: 09/035,885

Filed: March 6, 1998

For: PULSATED COMBUSTION APPARATUS AND A METHOD FOR CONTROLLING
SUCH A PULSATED COMBUSTION APPARATUS

ASSIGNMENT TRANSMITTAL LETTER

Honorable Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Please record the attached Assignment in the name of the
assignor and the assignee as indicated below and return the
original document to the undersigned.

1. Name of Conveying Party(ies):

Yasushi OKUMURA.

2. Name and Address of Receiving Party(ies):

40E

NGK INSULATORS, LTD.
2-56, Suda-Cho, Mizuho-Ku, Nagoya-City, Aichi-Pref., JAPAN.

3. Execution Date of Assignment: May 6, 1998.

4. If this Assignment is being filed together with new application, the execution date of the application is: May 6, 1998.

PATENT

REEL: 9384 FRAME: 0112

00000074 09030000
03/15/1998
03 FEB 1998

MRD 5/8/98

MRD 8.13.98

5. Total number of applications and patents involved: one.

All correspondence should be addressed to:

Roger W. Parkhurst
PARKHURST & WENDEL, L.L.P.
Suite 210
1421 Prince Street
Alexandria, VA 22314-2805.

The Assignment recordation fee (\$40.00) is covered by our attached Check Number 10392.


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. Total number of pages including cover sheet, attachments and document three.

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

Date May 8, 1978


Roger W. Parkhurst
Registration No. 25,177

RWP/ak
Attorney Docket No. NSUG:711A

PARKHURST & WENDEL, L.L.P.
1421 Prince Street, Suite 210
Alexandria, Virginia 22314-2805
Telephone: (703) 739-0220

ASSIGNMENT

Q 57922
(96052)

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

- (1) Yasushi OKUMURA (5) _____
 (2) _____ (6) _____
 (3) _____ (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.

(10) Insert address of Assignee

(10) 2-56, Suda-Cho, Mizuho-Ku, Nagoya City, Aichi Pref., 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) PULSATED COMBUSTION APPARATUS AND A METHOD FOR CONTROLLING SUCH A PULSATED COMBUSTION APPARATUS
 (Case No. NSUG:711A)

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

(12) Insert Date of Signing of Application

(12 on _____

(13) Alternative identification for filed applications

(13) U.S. application Serial Number 09/035,885
 filed March 6, 1998

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.

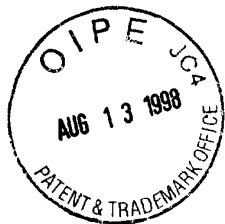
6) The undersigned hereby grant(s) the firm of **PARKHURST & WENDEL, L.L.P.** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

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

Date _____	Name of Inventor _____	(SEAL)
Date <u>May 6, 1998</u>	Name of Inventor <u>Yasushi OKUMURA</u>	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(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 <u>May 6, 1998</u>	Witness <u>Tusako Oi</u>
Date <u>May 6, 1998</u>	Witness <u>Yoriko Kohda</u>



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yasushi OKUMURA

Serial No.: 09/035,885

Filed: March 6, 1998

For: PULSATED COMBUSTION APPARATUS AND A METHOD FOR
CONTROLLING SUCH A PULSATED COMBUSTION APPARATUS

RESUBMISSION OF ASSIGNMENT DOCUMENT

Honorable Commissioner of
Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Sir:

Resubmitted herewith is the Assignment document relative to the application identified above, said Assignment now fully identifying the application to which it pertains. Also attached is our original transmittal letter bearing the blue cash register receipt number verifying payment of the recordation fee.

After recordation of the document, please return the original to the offices of the undersigned.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

Charles A. Wendel
Registration No. 24,453

Date:

August 13, 1998
Attorney Docket No. NSUG:711A

PARKHURST & WENDEL, L.L.P.
1421 Prince Street, Ste. 210
Alexandria, VA 22314
Telephone: (703) 739-0220

PLEASE ACCEPT THIS AS
AUTHORIZATION TO DEBIT
OR CREDIT FEES TO
DEP. ACCT. 16-0331
PARKHURST & WENDEL
PATENT

REEL: 9384 FRAME: 0135

Atty. Docket No. NSUG: 711A

Description: SUBMISSION OF ORIGINAL EXECUTED DECLARATION
W/EXECUTED DECLARATION; ASSIGNMENT

TRANSMITTAL LETTER W/ EXECUTED ASSIGNMENT;

\$960.00 (check no. 103512)

Inventor(s): Yasushi OKUMURA

Title (new cases): PULSATED COMBUSTION APPARATUS AND A METHOD
FOR CONTROLLING SUCH A PULSATED COMBUSTION

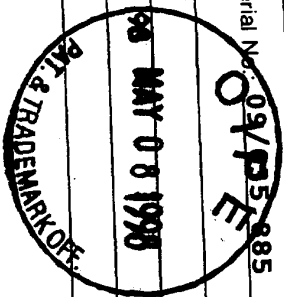
APPARATUS

Attorney: RWP/sk Serial No. 09/035985

Paper(s) Filed: MAY 8, 1998

Date(s) Satisfied: June 6, 1998

N.D.D.: --



PATENT

RECORDED: 08/13/1998

REEL: 9384 FRAME: 0136