

03-20-1998

Form PTO-1595  
1-31-92

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Q49571



100667152

3/12/98

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Ichiro HAZEYAMA and Kazuhiro IKUINA  
Additional name(s) of conveying party(ies) attached?  
 yes  no

2. Name and address of receiving party(ies)?  
Name: NEC CORPORATION  
Street Address: 7-1, Shiba 5-chome  
Minato-ku, Tokyo, Japan  
Additional name(s) & address(es) attached?  
 yes  no

10518 U.S. PTO  
09/038622  
03/12/98

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: March 2, 1998

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: 03/02/98  
A. Patent Application No.(s) | B. Patent No(s).  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
J. Frank Osha, Esq.  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3202

6. Total number of applications and patents involved: One  
7. Total Fee (37 CFR 3.41): \$ 40.00  
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
 Authorized to be charged to Deposit Account  
8. Deposit Account No. 19-4880

03/19/1998 DALLEN 00000053 09038622  
01.FC/581 40.00 CP

DO NOT WRITE IN THIS SPACE

9. 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.  
*J. Frank Osha*  
J. Frank Osha, Reg. No. 24,625  
March 12, 1998  
Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

# Assignment

Whereas, #We, ICHIRO HAZEYAMA and KAZUHIRO IKUINA , both of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

LOW TEMPERATURE FIRING GLASS-CERAMIC SUBSTRATE AND PRODUCTION PROCESS THEREOF and executed an application for Letters Patent of the United States of America therefor on March 2, 1998 ; and

Whereas, NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

#We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and #we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and #we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

#We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: March 2, 1998 s/ Ichiro HazeYama (印) ICHIRO HAZEYAMA

Date: March 2, 1998 s/ Kazuhiro Ikuina (印) KAZUHIRO IKUINA

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92 Witness : Mitsumi Kimura (印) Masaomi Takeda Shiro Mura

PATENT