

08-13-1998

Form PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
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U.S. PTO
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yoshitsugu FUNADA, Michinobu TANIOKA

Additional name(s) of conveying party(ies) attached?
___ yes ___ X no

2. Name and address of receiving party(ies)?

Name: NEC CORPORATION
Internal Address: 7-1, Shiba 5-chome, Minato-ku
Tokyo, JAPAN

Street Address:

City State Zip

Additional name(s) & address(es) attached?
___ yes ___ X no

3. Nature of Conveyance:

XX Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other

Execution Date: July 29, 1998

4. Application number(s) or patent number(s): 09128782

If this document is being filed together with a new application, the execution date of the application is: 07/29/98

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached? ___ Yes XX No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
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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

Reg. No. 24,625

August 4, 1998

Date

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PATENT
REEL: 9373 FRAME: 0247

Assignment

Whereas, I/We, Yoshitsugu FUNADA and Michinobu TANIOKA of
Tokyo, Japan

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

"SURFACE ACOUSTIC WAVE DEVICE"

and executed an application for Letters Patent of the United States of America therefor on
July 29, 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,

I/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
I/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 I/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.

I/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: July 29, 1998 s/ Yoshitsugu Funada 
Yoshitsugu FUNADA

Date: July 29, 1998 s/ Michinobu Tanioka 
Michinobu TANIOKA

Date: s/ _____

WITNESS: Date: July 29, 1998 s/ Shinji Takahashi

Date: July 29, 1998 s/ Atsuo Murata

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