

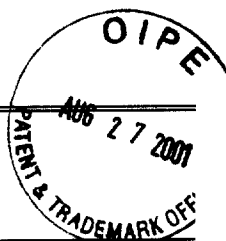
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To the Director - U.S. Patent a.

.ched original documents or copy thereof.

1. Name of conveying party(ies):

Satomi SHIGAKI

82781

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

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

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

Additional name(s) &amp; address(es) attached?

☐ yes☒ no

Execution Date: August 24, 2001

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: August 24, 2001

A. Patent Application No.(s)/Confirmation No.(s)  
09/850,007 /9373

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-32136. Total number of applications and registration involved:  
17. 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.

Howard L. Bernstein

Reg. No. 25,665

August 27, 2001

Date

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PATENT  
REEL: 012109 FRAME: 0648

For Non-U.S. Clients

# Assignment

Whereas, I/~~we~~,SATOMI SHIGAKI  
Tokyo, Japan

of

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

METHOD AND DEVICE FOR RECORDING/REPRODUCING BROADCASTING SIGNALS OF A PROGRAM

and executed an application for Letters Patent of the United States of America therefor on  
August 24, 2001 ; 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 09/850,007, filed 5/8/2001) the filing date and application number of said application when known.

Date: Aug. 24, 2001 s/

*Satomi Shigaki*

SATOMI SHIGAKI

Date:

s/

Witness:

*Yoichi Kano**Shigeki Kano*

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