

03-18-1999



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1. Name of conveying party(ies)

Suehiro Shimauchi  
Yoichi Haneda  
Shoji Makino  
Yutaka Kaneda

3-2-99

Addit'l name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement  
☐ Change of name  
☐ Other

Execution Date: February 10, 1999

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

Nippon Telegraph and Telephone Corporation  
19-2, Nishi-Shinjuku 3-chome  
Shinjuku-ku, Tokyo 163-8019  
Japan

Addit'l. name(s) & address(es) attached? ☐ Yes ☒ No

JC542 U.S. PTO  
09/260515

03/02/99

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: February 10, 1999

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:

Elliott I. Pollock  
Pollock, Vande Sande & Amernick  
Suite 800  
1990 M Street, N.W.  
Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved [1]

7. Total fee (37 CFR 3.41).....\$40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account  
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8. Deposit Account No: 22-0185  
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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

Date: 3/2/99

Elliott I. Pollock  
Reg. No. 16,906

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A S S I G N M E N T

FOR and in consideration of ONE Dollar (\$1.00) to us in hand paid, and other valuable considerations, the receipt and sufficiency whereof are hereby acknowledged and confessed, we SUEHIRO SHIMAUCHI, YOICHI HANEDA, SHOJI MAKINO and YUTAKA KANEDA of all the same addresses: C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-1419 Japan

hereby sell, assign, transfer and set over unto NIPPON TELEGRAPH AND TELEPHONE CORPORATION a corporation duly organized under the laws of Japan having an office and place of business at 19-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-8019 Japan

the entire right, title and interest in and to our invention in "METHOD AND APPARATUS FOR MULTI-CHANNEL ACOUSTIC ECHO CANCELLATION AND RECORDING MEDIUM WITH THE METHOD RECORDED THEREON" as set forth in our application for United States Letters Patent therefor, prepared by the firm of Kusano Patent Office of Tokyo, Japan and executed of even date herewith, said application being identified in the office records of said firm as No. 11F002US and in and to the United States Letters Patent therefor, when issued, together with all present and future improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, (and all foreign rights); and we hereby authorize and direct the Commissioner of Patents to issue the patent for said invention, when granted, in accordance with this assignment and sale.

For the same consideration, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the invention disclosed in said application, and we will cooperate at any time upon request of said assignee or its assigns, at its or their expense, in the procurement of patent protection to cover the invention herein assigned and to be assigned including the execution of new, divisional, continuing and reissue applications; we will make all rightful oaths, will testify in any proceedings in the Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns, and nominees to obtain, enjoy and enforce proper patent protection for the invention embraced within the terms of this document.

We have hereunto subscribed our names at Tokyo, Japan this 10th day of February, 1999.

Suehiro Shimauchi  
SUEHIRO SHIMAUCHI

Yoichi Haneda  
YOICHI HANEDA

Shoji Makino  
SHOJI MAKINO

Yutaka Kaneda  
YUTAKA KANEDA

**PATENT**