



To the Honorable Commissioner of Patents and
Please record the attached original documents

100974960

BOX ASSIGNMENTS

U.S. PTO
09/24/99
02/12/99

1. Name of conveying party(ies): MLO 2-12-99
Takeshi SAKAMOTO, Nobuyuki TANAKA and Yasuhiro ANDO

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

Name: NIPPON TELEGRAPH AND TELEPHONE CORPORATION

Additional name(s) of conveying party(ies) attached? Yes No

Internal Address:

3. Nature of conveyance:

Street Address: 19-2, Nishi-Shinjuku 3-chome,
Shinjuku-ku, Tokyo, Japan

Assignment Merger

City:

State: _____ Zip Code: _____

Security Agreement Change of Name

Other

Additional name(s) & Address(es) attached?

Execution Date: February 8, 1999

Yes No

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: February 8, 1999

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? Yes No

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

6. Total number of applications and registrations involved: 1

03 FC:581 FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

7. Total fee (37 CFR 3.41): \$40

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

Street Address: 1300 I Street, N.W.

8. Deposit account number: 06-0916

City: Washington

State: DC Zip: 20005-3315

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.

Arthur S. Garrett

February 12, 1999

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

CHANNEL-TO-CHANNEL SKEW COMPENSATION APPARATUS

(Title of Invention)

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 19____ (Serial No. _____); and

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

WHEREAS, _____
(Full Name of Assignee)

a corporation of _____ Japan _____
(State or Country of Incorporation)

19-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan

whose post office address is _____
(Address)

(Address)

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. _____, filed _____ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper

patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of _____)
State of _____)

ss. Takeshi Sakamoto
FULL NAME OF SOLE OR FIRST ASSIGNOR
c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan
ADDRESS
Takeshi Sakamoto
FIRST ASSIGNOR'S SIGNATURE
February 8, 1999
DATE

Subscribed and sworn to before me this _____ day of _____, 19____.
_____, Notary Public

County of _____)
State of _____)

ss. Nobuyuki Tanaka
FULL NAME OF SOLE OR SECOND ASSIGNOR
c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan
ADDRESS
Nobuyuki Tanaka
SECOND ASSIGNOR'S SIGNATURE
February 8, 1999
DATE

Subscribed and sworn to before me this _____ day of _____, 19____.
_____, Notary Public

County of _____)
State of _____)

ss. Yasuhiro Ando
FULL NAME OF SOLE OR THIRD ASSIGNOR
c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan
ADDRESS
Yasuhiro Ando
THIRD ASSIGNOR'S SIGNATURE
February 8, 1999
DATE

Subscribed and sworn to before me this _____ day of _____, 19____.
_____, Notary Public