

02/09/00

03-14-2000



COVER SHEET ONLY

TRA-046

101287555

To the Honorable Comm.

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies):
Santanu Bhattacharya

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

TranSwitch Corporation

3 Enterprise Drive
Shelton, CT 06484

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Execution Date: 12/9/99

Additional name(s) & address(es) attached? 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 is:

A. Patent Application No.(s)

09/161,906

B. Patent No.(s)

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

David P. Gordon
65 Woods End Road
Stamford, CT 06905

6. Total number of applications and patents involved:

1

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

Enclosed

Authorized to charge deposit account

8. Deposit account number: 07-1732

(attach duplicate page if paying by deposit account)

03/14/2000 MC00TES 00000017 09161906

01 FC:581

40.00 DP

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.

David P. Gordon

Name of Person Signing

Signature

JAN 24 2000

Date

Total number of pages including cover sheet, attachments, and document:

3

ASSIGNMENT

WHEREAS, I, **Santanu Bhattacharya**, hereinafter referred to as the "Inventor", a citizen of India whose post office address is 53 Maitri Apartments, Mayur Vihar, Phase-1, Delhi 110091, India, have invented certain new and useful improvements in

ALARM INDICATION SIGNAL DETECTION IN THE PRESENCE OF SPECIAL LINE CODES IN DS1 (T1) TELEPHONE CIRCUITS

as described and set forth in an application for Letters Patent of the United States of America, filed by me on the **28th** day of **September, 1998** as serial number **09/161,906 (Docket No. TRA-046)**.

AND WHEREAS, TRANSWITCH CORPORATION, hereinafter referred to as the "said COMPANY", a corporation duly organized incorporated and existing under the laws of Delaware and having a place of business at 3 Enterprise Drive, Shelton, CT 06484, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, **TO HAVE AND TO HOLD** the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David P. Gordon the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I, **Santanu Bhattacharya**, have hereunto set my hand and seal this 9th day of December, 1999.

Santanu Bhattacharya (L.S.)
Inventor

BE IT KNOWN, that on this _____ day of _____, 1999 personally appeared **Santanu Bhattacharya**, who acknowledged that he executed the above assignment of his own free will and for the purposes therein set forth.

Witness