

03-21-2002

FORM PTO-1595  
P21504.P05



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner

102026696

and original documents or copy thereof.

1. Name of Conveying party(ies):  
SAVOOR, G. Raghvendra  
FUETSCH, Andre  
ARMANINO, Frederick Michael  
JIANG, Baofeng  
WONG, Peter  
TSAI, Mengfeng  
KIMBLE, David Lewis



3-15-02

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

2. Name and address of receiving party(ics)

Name: SBC SERVICES, INC.

Internal Address: \_\_\_\_\_

Street Address: 175 East Houston Street

City: San Antonio State: TX ZIP: 78205

Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: March 11, 12, 12, 11, 11, 11, and 11, 2002

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)  
10/023,864

B. Patent No.(s)

Additional numbers attached:  Yes  No

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

Name: Bruce H. Bernstein

Internal Address: P21504

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

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

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

*[Handwritten Signature]*  
BN 033630

Signature

3-15-02

Date

03/20/2002 LMUELLER 00000209 10023864 Total number of pages including cover sheet, attachments and document: 4

01 FC:581 40.00 DP

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 012684 FRAME: 0531

## **ASSIGNMENT**

WHEREAS, Raghvendra G Savor, a citizen of the United States of America, residing at 2935 Velvet Way, Walnut Creek, CA 94596; Andre Fuetsch, a citizen of the United States of America, residing at 4406C Feagan Street, Houston, TX 77007; Frederick Michael Armanino, a citizen of the United States of America, residing at 12730 Terrace Hollow, San Antonio, TX 78259; Baofeng Jiang, a citizen of the People's Republic of China, residing at 4314 Valley Avenue, Apt. F, Pleasanton, CA 94566; Peter Wong, a citizen of Burma, residing at 38196 Guava Drive, Newark, CA 94560; Mengfeng Tsai, a citizen of Taiwan (Republic of China), residing at 34438 Alberta Terrace, Fremont, CA 94555; and David Lewis Kimble, a citizen of the United States of America, residing at 417 Pinecone Drive, Danville, CA 94526, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "TRUNK DESIGN OPTIMIZATION FOR PUBLIC SWITCHED TELEPHONE NETWORK", Attorney Docket No. P21504, (SBC File No. SS00304) for a full description of which reference is here made to an application for Letters Patent of the United States filed on December 21, 2001, and assigned Application Serial No. 10/023,864;

WHEREAS, SBC SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 175 East Houston Street, San Antonio, TX 78205, hereinafter called the "Assignee", desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required.

AND said Assignors authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignors, on the date(s) listed below.

Witnessed by:

Janice Murren 3/11/02  
Date  
Ken J. Murren 3/11/02  
Date

Raghendra G Savor 3/11/02  
Date

Witnessed by:

Valerie James 3-12-02  
Date  
Alice Newton 3-12-02  
Date

Andre Fuetsch 3/12/02  
Date

Witnessed by:

Valerie James 3-12-02  
Date  
Alice Newton 3-12-02  
Date

Frederick Michael Armanino 3/12/02  
Date

Witnessed by:

Arvind R. Nallya 3/11/02  
Date

Baofeng Jiang 3/11/2002  
Baofeng Jiang Date

Janice Mouser 3/11/02  
Date

Witnessed by:

Janice Mouser 3/11/02  
Date

Peter Wong 3/11/2  
Peter Wong Date

Jin Otsuka 3/11/2002  
Date

Witnessed by:

[Signature] 3/11/02  
Date

[Signature] Mar 11, 2002  
Mengfeng Tsai Date

Janice Mouser 3/11/02  
Date

Witnessed by:

Janice Mouser 3/11/02  
Date

[Signature] 3/11/2002  
David Lewis Kimble Date

[Signature] 3/11/02  
Date