

PATENT REEL: 012913 FRAME: 0262 DOCKET NO.: BELL-0151/01096

PATENT Joint Inventors

(Pending Application; Serial No. Known)

ASSIGNMENT

WHEREAS, we Marvin Jeffery Wilson, Ren-Wei Liou, Thomas L. Georges, and Harry Tang, hereinafter referred to as the assignors, residing respectively at 3787 Centennial Trail, Duluth, Georgia 30096; 5407 Oxford Chasse Way, Dunwoody, Georgia 30338; 105 Lake Top Court, Roswell, Georgia 30076; 2506 Madison Avenue, Atlanta, Georgia 30360 are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 10/112,558, filed March 28, 2002, entitled SYSTEM AND METHOD FOR PROVISIONING VIRTUAL CIRCUITS IN BROADBAND ACCESS MULTIPLEXING ELEMENTS; and

WHEREAS, BellSouth Intellectual Property Corporation hereinafter referred to as the assignee, of 824 Market Street, Suite 901, Wilmington, Delaware 19801, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or

PATENT REEL: 012913 FRAME: 0263 DOCKET NO.: BELL-0151/01096

PATENT Joint Inventors

improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date Marvin Jeffery W

COUNTY OF Fulton:

On this 21th day of ______, year of _____, before me personally came the above named ______ Marvin Jeffery Wilson to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Notary Public, Pike County, Georgia My Commission Expires March 30, 2004

- 2 -

COUNTY OF <u>Fulton</u>:

On this 2 day of April , year of 200, before me personally came the above named Ren-Wei Liou to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public, Pike County, Georgia My Commission Expires March 30, 2004

PATENT Joint Inventors

May 3, 2002 (L.S.)
Date Thomas J. Georges

STATE OF STA

COUNTY OF <u>tultor</u>:

Notary Public

Notary Public

Notary Public, Pike County, Georgia My Commission Expires March 30, 2004

4/29/2002	Harry	Tanes	(L.S.)
Date	Harry Tang		

STATE OF Georgia:

COUNTY OF <u>tulton</u>:

RECORDED: 05/22/2002

On this 24th day of 4 year of , before me personally came the above named Harry Tang to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public, Pike County, Georgia My Commission Expires March 30, 2004