Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔ ⇔ ▼ To the Honorable Commissione 1. Name of conveying party(ies): BellSouth Intellectual Property	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office 86 riease record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) NameBellSouth Intellectual Property Corp.
Management Corporation Additional name(s) of conveying party(es) attached? No Noture of conveyance:	Internal Address: Suite 510
Assignment	Street Address: 824 Market Street
Execution Date: October 18, 2001	City: Wilmington State: DE Zip: 19801 Additional name(s) & address(es) attached? Types Yes No
A. Patent Application No.(s)	cation, the execution date of the application is: B. Patent No.(s) 5,963,864; 5,970,477; 5,974,115; 6,072,857; 6,215,930B1; 6,226,364B1; 6,236,855B1; 6,266,532B1 tached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jacqueline A. Gregorski Internal Address: Suite 510	
Street Address: 824 Market Street	8. Deposit account number: 021862
City: Wilmington State: DE Zip: 19801	(Attach duplicate copy of this page if paying by deposit accounts)
	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Jacqueline A. Gregorski Name of Person Signing	Signature 10-26-200 8 10-26-200
Mail documents to be recorded with	sheet, attachments, and documents:

PATENT REEL: 012295 FRAME: 0046

Commissioner of Patents & Trademarks, Box Assignment Washington, D.C. 20231

dej

PATENT ASSIGNMENT

WHEREAS, BELLSOUTH INTELLECTUAL PROPERTY MANAGEMENT CORPORATION, a corporation of the State of Atlanta, with its principal place of business at 1155 Peachtree Street, Suite 500, Atlanta, GA 30309 (hereinafter referred to as "ASSIGNOR"), is the owner of the United States Letters Patents listed in the schedule attached hereto as Schedule A and made part hereof, and the inventions disclosed and claimed therein (hereinafter referred to as the "Patents"), and;

WHEREAS, BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, a corporation of the State of Delaware, with its principal place of business at 824 Market Street, Suite 510, Wilmington, Delaware, 19801 (hereinafter referred to as "ASSIGNEE"), desires to acquire all, right, title and interest in and to the Patents.

NOW, THEREFORE, in consideration of the sum of one dollar and other good and valuable consideration, the receipt which is hereby acknowledged, ASSIGNOR does hereby assign and transfer unto ASSIGNEE, its successors, assigns, and legal representatives, all right, title and interest in and to the Patents, including all divisionals, reexaminations, reissues, substitutions, continuations, continuations-in-part and extensions thereof, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own names throughout the world including all rights of priority, and all rights to register said inventions in appropriate registries.

IN WITNESS HEREOF, the ASSIGNOR has caused this Patent Assignment to be executed by a duly authorized corporate officer on Utilized 18, 2001.

> BELLSOUTH INTELLECTUAL PROPERTY MANAGEMENT CORPORATION

President

State of Holgea)
)ss.
County of Color)

On this 18th day of Otolo, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared South M. Frank, known by me to be the person named above and an officer of BellSouth Intellectual Property Management Corporation duly authorized to execute this Patent Assignment on behalf of BellSouth Intellectual Property Management Corporation, who signed and executed the foregoing instrument on behalf of BellSouth Intellectual Property Management Corporation.

NANCY F. WOODARD
Notary Public, Cobb County, Georgia My Commission Expires: My Commission Expires April 2, 2002

10/12/01

415486v1

PATENT REEL: 012295 FRAME: 0047

SCHEDULE A

Patents

5,963,864 issued 10/5/99

5,970,477 issued 10/19/99

5,974,115 issued 10/26/99

6,072,857 issued 6/6/00

6,215,930 B1 issued 4/10/01

6,226,364 B1 issued 5/1/01

6,236,855 B1 issued 5/22/01

6,266,532 B1 issued 7/24/01

415486v1 10/12/01

RECORDED: 10/20/2001

PATENT REEL: 012295 FRAME: 0048