۲ معر		Docket No.: BS00-073-D2			
DRM PTO-1595 (Modified) ev. 03-01) AB No. 0651-0027 (exp.5/31/2002)		3-04-2004	U.S. DEPARTMENT OF COMM Patent and Trademark		
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To the Honorable Commission		· · · · ·		al documents or co	py thereof.
1. Name of conveying party(ie David A. Hill	2. Name a	2. Name and address of receiving party(ies): Name: BellSouth Intellectual Property Corporation			
	f 1				
		Address	824 Market Street		S. 26
Additional names(s) of conveying pa	arty(ies) 🛛 🗙 Yes	🗆 No 🛛	Suite 510		0/784
3. Nature of conveyance:					10
🛛 Assignment	Merger				
Security Agreement	Change of	Name City: W	ilmington	State/Prov.:	DE
□ Other		Country	USA	ZIP: 19801	
Execution Date: <u>9/28/00</u>		ame(s) & address(es)	🗆 Yes 🕻	⊠ No	
Patent Application No.	Filing date		Patent No.(s)		
5. Name and address of party concerning document shoul		6. Total number of applications and patents involved:			
Name: Poh C. Chua	7 Total fee	7. Total fee (37 CFR 3.41):\$ 40.00			
Registration No. 44,615		 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 			
Address: Shaw Pittman LL					
1650 Tysons Boul					
1000 Tysons Dour		8 Deposit account number			
City: McLean	State/Prov.: VA				2 0.00 DP
•					495
Country: <u>USA</u>	ZIP: <u>22102</u>		duplicate copy of this page	It paying by deposit ac	10
9. Statement and signature. To the best of my knowledg of the original document. Poh C. Chua	e and belief, the forego	DO NOT USE THIS SPA		ttached copy is a ti $2 v_{5} v_{1}$	MUELLER BD.0000089
Name of Person Sig	-	Signature es including cover sheet, atta		4 Date	:8021
	Mail documents to b	e recorded with required cover she of Patents & Trademarks, Box A	et information to:	· · · · · · · · · · · · · · · · · · ·	03/08/
				TENT 1 FRAME: 06	-

BS00-073

ASSIGNMENT

WHEREAS, David A. Hill, residing at <u>B996</u> WALVUT LEAF CV, <u>CORDOVA, TN 38018</u> (hereinafter "Assignor") has invented certain new and useful improvements in DIRECTIONAL ANTENNA for a full description of which reference is here made to an application for Letters Patent of the United States of America filed on June 28, 2000 in the U.S. Patent and Trademark Office and assigned serial no. 09/604,753; and

WHEREAS, BellSouth Intellectual Property Corporation a corporation of the State of Delaware, having its principal office and place of business at 824 Market Street, Suite 510, Wilmington, Delaware 19801 (hereinafter "Assignee") is desirous of acquiring the entire right, title, and interest in, to, and under said invention and application above identified, and in, to, and under any Letters Patent that may be obtained for said invention, together with all foreign rights corresponding thereto, as hereinafter more fully set forth.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of One dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by Assignor from Assignee is hereby acknowledged, Assignor has agreed to sell, assign, and transfer and by these presents does hereby, sell, assign, and transfer unto Assignee the entire right, title and interest in, to, and under said invention and application above identified and Letters Patent of the United States of America that may be obtained in respect thereof; any corresponding applications for Letters Patent and Letters Patent therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee forever.

> PATENT REEL: 015021 FRAME: 0624

Assignor hereby covenants and agrees, for himself and for his legal representatives, to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any applications or Letters Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this ASSIGNMENT.

Assignor hereby authorizes and empowers Assignee to invoke and claim for any applications or Letters Patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular country (such as, without limitation, the right of priority provided by the International Convention for the Protection of Industrial Property, as amended) and to invoke and claim said rights without further written or oral authorization from Assignor.

Assignor hereby consents that a copy of this ASSIGNMENT shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and more particularly in proof of the right of Assignee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended.

Assignor covenants and agrees that this ASSIGNMENT and all of the terms hereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

PATENT REEL: 015021 FRAME: 0625

Assignor hereby authorizes and requests the Commissioner of Patents and the United States Patent and Trademark Office to issue Letters Patent to Assignee in accordance with the terms of this ASSIGNMENT.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this $\frac{25'}{4}$ day of <u>September</u>, 2000.

SIGNATURE: ______Abux

NAME: David A. Hill

STATE OF JEANEUSLE

COUNTY OF <u>helky</u> I, <u>Rhonda</u> <u>honan</u>, a Notary Public in and for the County and State aforesaid, do hereby certify that David A. Hill, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed, and delivered the said instrument as his free and voluntary act for the use and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 25th day of Lepton Low, 2000.

(SEAL)

rv Public

RECORDED: 02/25/2004