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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	12-15-2004	U.S. Department of Commerce Patent and Trademark Office PATENT
ΓΟ: The Commissioner of Patents an	102902276	eu onginal document(s) or copy(ies).
Submission Type	Conveyance Type	
New Resubmission (Non-Recordation)	Assignment	Security Agreement
Document ID #	License	☐ Change of Name
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Reel # Frame #	☐ Depa	rtmental File Secret File
Conveying Party(ies) Name (line 1) John A. Hicks	☐ Mark if additional na	ames of conveying parties attached Execution Date Month Day Year 11 16 2004
Name (line 2)		
Second Party		Execution Date Month Day Year
Name (line 1) Randy Zimler		11 16 2004
Name (line 2)		
Receiving Party	☐ Mark if ad	ditional names of receiving parties attached
Name (line 1) BellSouth Intellectual P	roperty Corporation	If document to be recorded
Name (line 2)		is an assignment and the receiving party is not domiciled in the United Sta
Address (line 1) Suite 901		an appointment of a domes representative is attached. (Designation must be a
Address (line 2) 824 Market Street		separate document from Assignment.)
Address (line 3) Wilmington	Delaware	19801
City	State/Country	Zip Code
Domestic Representative Name and	Address Enter fo	r the first Receiving Party only.
Name		
Address (line 1)		
Address (line 2)		
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> **PATENT** REEL: 016061 FRAME: 0697

FORM PTO-1619 Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent	Name and Address Area Code and Telephone Number	919.387.6907	
Name	Scott P. Zimmerman		
Address (line 1)	P.O. Box 3822		
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Patent	Application Number(s) Pa	tent Number(s)	
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Patent Coopera	tion Treaty (PCT)		
•	T application number PCT PCT	PCT	
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	as not been assigned. PCT PCT	PCT	
Number of Properties Enter the total number of properties involved. # 1			
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41):	: \$ 40	
Method of P Deposit Acc			
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Statement and S	Signature /		
To the best attached co indicated he	of my knowledge and belief, the foregoing information is true opy is a true copy of the original document. Charges to deposite	and correct and any account are authorized, as	
Scott P. Zimmerman	41,390		
Name of Person	n Signing Signature Signature	Date	
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ASSIGNMENT

WHEREAS, we, John Hicks and Randy Zimler, have invented certain improvements in telecommunications for which we have executed an application for United States Patent entitled

Digital Residential Entertainment System.

WHEREAS, BellSouth Intellectual Property Corporation, a corporation of the State of Delaware, U.S.A., having its principal place of business at 824 Market Street, Suite 901, Wilmington, Delaware 19801, desires to purchase same.

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do sell, assign and transfer unto BellSouth Intellectual Property Corporation, full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents, reexaminations and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; We also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and we hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a divisional, continuation, continuation-in-part, or reissue thereof, to, BellSouth Intellectual Property Corporation as Assignee, for their interest and for the sole use of BellSouth Intellectual **Property Corporation** and their assigns and legal representatives;

For the same consideration, we do sell, assign and transfer to BellSouth Intellectual Property Corporation the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of BellSouth Intellectual Property Corporation and or their respective designees, insofar as permitted by applicable law;

Page 1

Assignment for "Digital Residential Entertainment System" BellSouth Ref: BS00216CIP

Inventors: John Hicks & Randy Zimler

Page 2 of 3

AND, for the same consideration, we agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reexamination, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid BellSouth Intellectual Property Corporation their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

IN WITNESS WHEREOF, I h	ave hereunto set my hand and seal this 16th day of
November, 2004.	Shill Ante Ens
	John Hicks

Before me, a Notary Public in and for the State of GA, on this 16th day of November 2004, personally appeared the above-named individual, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

My Commission Expires:

Notary Public, DeKalb County, Georgia My Commission Expires Nov. 13, 2007

Assignment for "Digital Residential Entertainment System"
BellSouth Ref: BS00216CIP
Inventors: John Hicks & Randy Zimler
Dage 2 of 2

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NOTARY PUBLIC

My Commission Expires:

Notary Public, DeKalb County, Georgia My Commission Expires Nov. 13, 2007

RECORDED: 12/06/2004