

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Arunabha Ghosh	03/17/2005
RECEIVING PARTY DATA	
Name:	AT&T Intellectual Property I, L.P.
Street Address:	645 E. Plumb Lane
City:	Reno
State/Country:	NEVADA
Postal Code:	89502
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12467764
CORRESPONDENCE DATA	
Fax Number:	(512)327-5575
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	512 327 5515
Email:	Gadame@TLGIPLAW.COM
Correspondent Name:	AT & T LEGAL DEPARTMENT - Toler ATTN: PA
Address Line 1:	ROOM 2A-207
Address Line 2:	ONE AT & T WAY
Address Line 4:	BEDMINISTER, NEW JERSEY 07921
ATTORNEY DOCKET NUMBER:	LB1105 CON
NAME OF SUBMITTER:	/Grace Adame/
Total Attachments: 2 source=LB1105_Con_Assignment#page1.tif source=LB1105_Con_Assignment#page2.tif	

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PATENT
REEL: 022698 FRAME: 0390

ASSIGNMENT

WHEREAS, Arunabha Ghosh, a citizen of India, residing at 7011 W. Parmer Lane #1132, Austin, Texas 78729; hereinafter called the "Assignor", has made the invention described in the United States patent application entitled "Delay Restricted Channel Estimation for Multi-Carrier Systems", Attorney Docket No. 1033-LB1105 (SBC LB1105), for a full description of which reference is here made to an application for Letters Patent of the United States filed on January 28, 2005 and assigned Application Serial No. 11/046,192; and

WHEREAS, SBC KNOWLEDGE VENTURES, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, 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 Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does 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 Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor 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 Assignor will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignor authorizes attorney or agent to fill in the U.S. Application Serial No. above, if required.

AND said Assignor authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to

Attorney Docket No. 1033-LB1105 (SBC LB1105)

said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

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

Name of Inventor:

Arunabha Ghosh

Signature of Inventor:

Arunabha Ghosh

Date:

03/17/05Witnesses for Inventor

First Witness:

M. A. 3/17/05

Signature / Date

RIAS MUHAMED

Full Name (printed)

Second Witness:

David R. Walter 3/17/05

Signature / Date

David R. Walter

Full Name (printed)