

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kadannode K. Ramakrishnan	02/29/2008
Divesh Srivastava	03/03/2008
Tae Won Cho	03/01/2008
Yin Zhang	03/19/2008
Michael Rabinovich	03/05/2008
RECEIVING PARTY DATA	
Name:	AT&T Intellectual Property I, LP
Street Address:	675 W. Peachtree Street
Internal Address:	Suite 4000
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30375
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13277865
CORRESPONDENCE DATA	
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Address Line 2:	ONE AT&T WAY
Address Line 4:	BEDMINSTER,, NEW JERSEY 07921
ATTORNEY DOCKET NUMBER:	7785-0506-03

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**PATENT
 REEL: 027098 FRAME: 0240**

NAME OF SUBMITTER:

Douglas Schnabel

Total Attachments: 6

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ASSIGNMENT

WHEREAS, We, Kadangode K. Ramakrishnan, residing at 9 Highland Circle, Berkeley Hgts., NJ 07922, and Divesh Srivastava, residing at 152 Mountain Ave., Summit, NJ 07901, and Tae Won Cho, residing at 3600 Greystone Drive, Austin, TX 78731, and Yin Zhang, residing at 10404 Skyflower Drive, Austin, TX 78759, and Michael Rabinovich, residing at 32790 Wintergreen Drive, Solon, OH 44139, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled MULTICAST WITH ADAPTIVE DUAL-STATE;

WHEREAS, We hereby authorize and request our attorneys, as listed on the Combined Declaration and Power of Attorney, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 12/060,723 ; Filing Date: April 1, 2008) the filing date and application number of said application when known.

AND WHEREAS, AT&T Intellectual Property I., L.P., a corporation organized and existing under and by virtue of the laws of the State of Nevada, and having an office and place of business at 645 E. Plumb Lane, Reno, NV 89502 (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

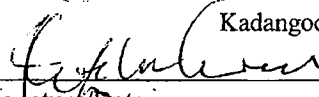
AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of February, 2008.



Kadangode K. Ramakrishnan

First Witness:

 / 2/29/2008
Signature/Date

J.E. VAN DER WERF
Full Name (Printed)

Second Witness:

 3/29/2008
Signature/Date

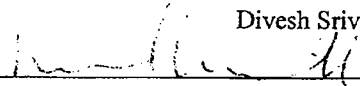
Vijay Kupidakrishnan
Full Name (Printed)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of
March, 2008.



Divesh Srivastava

First Witness:

 3/3/08
Signature/Date


J. U. Patel Uc 22, 17
Full Name (Printed)

Second Witness:

 3/3/08
Signature/Date

Jessica Yates
Full Name (Printed)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1 day of
March, 2008.



Tae W. Cho

First Witness:

 03/01/08
Signature/Date

HAN HEE SONG
Full Name (Printed)

Second Witness:

 03/01/08
Signature/Date

UPENDRA SHEVADE
Full Name (Printed)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of
March, 2008.



Yin Zhang

First Witness:

Sara Stranotman 3/19/2008
Signature/Date

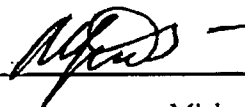
SARA STRANOTMAN
Full Name (Printed)

Second Witness:

Nader Adanga 3/19/08
Signature/Date

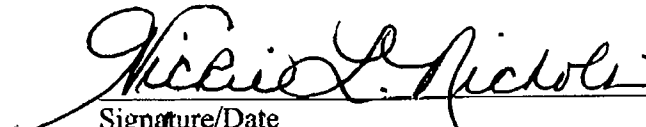
NADER ADANGA
Full Name (Printed)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of
March, 2008.



Michael Rabinovich

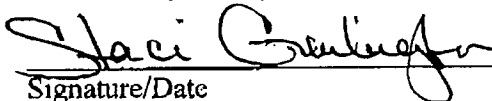
First Witness:

 3/5/08

Signature/Date
Vickie L. Nichols

Full Name (Printed)

Second Witness:

 3/5/08

Signature/Date
Staci Garlington

Full Name (Printed)