

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Emden R. Gansner</td><td>12/10/2008</td></tr><tr><td>Yifan Hu</td><td>12/10/2008</td></tr></tbody></table>	Name	Execution Date	Emden R. Gansner	12/10/2008	Yifan Hu	12/10/2008	
Name	Execution Date						
Emden R. Gansner	12/10/2008						
Yifan Hu	12/10/2008						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12334578</td></tr></tbody></table>	Property Type	Number	Application Number:	12334578			
Property Type	Number						
Application Number:	12334578						
CORRESPONDENCE DATA							
Fax Number:	(919)469-4139						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	9194692629						
Email:	scott@scottzimmerman.com						
Correspondent Name:	Scott P. Zimmerman						
Address Line 1:	P.O. Box 3822						
Address Line 4:	Cary, NORTH CAROLINA 27519						
ATTORNEY DOCKET NUMBER:	2008-1012						
NAME OF SUBMITTER:	Scott P. Zimmerman						
Total Attachments: 3 source=2008-1012SignedAssignment#page1.tif source=2008-1012SignedAssignment#page2.tif source=2008-1012SignedAssignment#page3.tif							

OP \$40.00 12334578

PATENT

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REEL: 022001 FRAME: 0184

ASSIGNMENT

THIS ASSIGNMENT, made by Emden R. Gansner and Yifan Hu;

WITNESSETH: That,

WHEREAS, we are the sole inventors of certain new and useful improvements in electrical computers and graphing data for which an application is being filed in the United States Patent and Trademark Office. We hereby authorize and request Scott P. Zimmerman, PLLC to file this Assignment concurrently with the application; and

WHEREAS, **AT&T Intellectual Property I, L.P.**, a Corporation of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, NV 89502, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

I further covenant and agree to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 10 day of December, 2008.

Emden R. Gansner (Signature)
Emden R. Gansner

STATE OF NY)
) ss:
COUNTY OF Ulster)

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 10th day of December, 2008.

Ingrid Filannino
Notary Public

SEAL

My Commission Expires: _____

INGRID FILANNINO
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/15/2009

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 10 day of December, 2008.

Yifan Hu (Signature)
Yifan Hu

STATE OF NJ)
) SS:
COUNTY OF Union)

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 10th day of December, 2008.

Ingrid Flannino
Notary Public

SEAL
My Commission Expires: INGRID FLANNINO
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/15/2009