

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Dan Pei</td><td>12/12/2008</td></tr><tr><td>Walter Willinger</td><td>12/15/2008</td></tr></tbody></table>	Name	Execution Date	Dan Pei	12/12/2008	Walter Willinger	12/15/2008	
Name	Execution Date						
Dan Pei	12/12/2008						
Walter Willinger	12/15/2008						
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>12335820</td></tr></tbody></table>	Property Type	Number	Application Number:	12335820			
Property Type	Number						
Application Number:	12335820						
CORRESPONDENCE DATA							
Fax Number:	(815)550-8850						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	434-972-9988						
Email:	KellyB@MichaelHaynes.com						
Correspondent Name:	Michael Haynes PLC						
Address Line 1:	1341 Huntersfield Close						
Address Line 4:	Keswick, VIRGINIA 22947						
ATTORNEY DOCKET NUMBER:	2008-1023 (1014-361)						
NAME OF SUBMITTER:	Kelly Smoker						
Total Attachments: 3 source=1014-361 20081212 Assign-DP-WW-S#page1.tif source=1014-361 20081212 Assign-DP-WW-S#page2.tif source=1014-361 20081212 Assign-DP-WW-S#page3.tif							

OP \$40.00 12335820

PATENT

500732087

REEL: 021987 FRAME: 0144

For the sum of One Dollar (US\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the undersigned individuals, namely Dan Pei of 20 Newport Parkway, Jersey City, NJ US 07310, and Walter Willinger of 66 Noe Avenue, Madison, NJ US 07940 (referred to herein as "the undersigned"), hereby sells, assigns, and transfers to AT&T Intellectual Property I, L.P., an entity organized and existing under the state laws of Nevada and having Office at 645 E. Plumb Lane, Reno, NV 89502, and its successors, assigns, and legal representatives (hereinafter "ASSIGNEE"), the entire and exclusive rights, privileges, title, and interest, worldwide, in and to all of the following:

an application for Letters Patent, the application titled "Devices, Systems, and/or Methods for Determining Internet Topology", filed on the same day as the Recordation Request for this Assignment in the United States Patent and Trademark Office;

together with: all amendments thereto; all rights of priority arising therefrom; all applications claiming priority thereto; all divisions, continuations, continuations-in-part, reexaminations, reissues, substitutes, renewals, and extensions thereof, and any legal equivalent thereof; and any and all forms of protection, including Letters Patent and legal equivalents thereof, which may be granted therefor in the United States and its territorial possessions or in any countries foreign to the United States, for the full and entire term or terms for which the same may be granted or extended, as fully and entirely as the same rights, privileges, title, and interest, would have been enjoyed by the undersigned if this assignment had not been made.

Each of the undersigned authorizes ASSIGNEE to make application for patent protection and legal equivalents thereof in its own name and maintain such protection in the United States and in all countries foreign to the United States, and to invoke and claim for any application for patent or legal equivalents thereof for said improvements, without further authorization from any of the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

Each of the undersigned authorizes and requests the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue said Letters Patent and legal equivalents thereof to ASSIGNEE or to such nominees as ASSIGNEE may designate.

Each of the undersigned consents that a copy of this Assignment and Agreement shall be deemed a full legal and formal equivalent of any document that may be required in any country in proof of the right of ASSIGNEE to apply for patent and legal equivalents thereof for said improvements and to claim the aforesaid benefit of the right of priority.

Each of the undersigned covenants with ASSIGNEE that no assignment, sale, grant, mortgage, license, or other agreement affecting any of the rights, privileges, title, or interest herein conveyed has been made to others or will be entered into by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each of the undersigned covenants with ASSIGNEE that, when requested, and without charge to but at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the undersigned will: properly receive, execute, and deliver to ASSIGNEE all

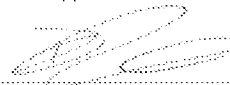
ASSIGNMENT AND AGREEMENT

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rightful affidavits, declarations, oaths, powers of attorney, assignments, and other instruments or papers; properly receive, execute, and deliver to ASSIGNEE all applications, divisions, continuations, continuations-in-part, re-examinations, reissues, substitutes, renewals, extensions, any amendments thereof, and any legal equivalent thereof, and all interference proceedings, associated therewith, relating to any and all said improvements, applications, Letters Patent, and legal equivalents thereof; communicate to ASSIGNEE all facts and documents known and accessible to the undersigned relating to said improvements, applications, Letters Patent, and legal equivalents thereof, and will testify as to the same in any interference, mediation, arbitration, litigation, or dispute related thereto; and generally, perform all requested lawful acts that ASSIGNEE considers desirable or necessary, in any country, in applying for, securing, maintaining, licensing, assigning, or enforcing, any proper, valid, and enforceable legal protection for said improvements, applications, Letters Patent, and legal equivalents thereof, or for vesting title in ASSIGNEE to said improvements, applications, Letters Patent, and legal equivalents thereof

Date, 12/12/2008

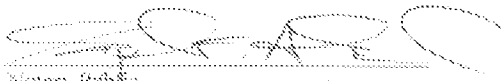
  
Dan Pei

State of NEW JERSEY )

County of HUDSON )

City of JERSEY CITY )

On this 12TH day of DECEMBER, 2008, before me personally came DAN PEI, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public  
Syed F. Ahmad  
Notary Public, State of New Jersey  
No. 2336284  
Qualified in Morris County  
Commission Expires Sept. 8, 2010

ASSIGNMENT AND AGREEMENT

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2008-1023; (1014-361)

Date: 12/15/08

Walter Willinger  
Walter Willinger

)  
State of NJ ) seal:

County of Union )

City of )

On this 15th day of December, 2008, before me personally came \_\_\_\_\_, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ingrid Filanino  
Notary Public

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