

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
AT&T Properties, LLC	05/22/2009
<b>RECEIVING PARTY DATA</b>	
Name:	AT&T Intellectual Property II, L.P.
Street Address:	645 Plumb Lane
City:	Reno
State/Country:	NEVADA
Postal Code:	89502
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12638032
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	AL-DHAHIR 2001-0200ACON1
NAME OF SUBMITTER:	Henry T. Brendzel
Total Attachments: 5 source=PropertiestoIntellectual#page1.tif source=PropertiestoIntellectual#page2.tif source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

CH \$40.00 12638032

**PATENT**

**501303040**

**REEL: 025050 FRAME: 0646**

RECORDABLE PATENT ASSIGNMENT

This Recordable Patent Assignment is between AT&T Properties, LLC ("AT&T Properties"), a Nevada limited liability company, and AT&T Intellectual Property II, L.P. ("AT&T IP II"), a Nevada limited partnership.

Effective on June 30, 2008, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Properties hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T IP II all of AT&T Properties' right, title and interest in and to the patents and pending patent applications identified on Attachment A (the "Patents"), with respect to which and to the extent to which AT&T Properties has or previously had the right to so assign, transfer and convey such rights, including all claims for past infringement, and all divisions, reexaminations, reissues, substitutions, continuations, continuations-in-part and extensions thereof, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own name throughout the world including all rights of priority, all rights to public cautionary notices reserving ownership of said inventions and all rights to claim and register said inventions in appropriate registries. AT&T Properties has further agreed to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in AT&T IP II, its successors, assigns and legal representatives.

IN WITNESS WHEREOF, AT&T Properties has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

AT&T PROPERTIES, LLC

By: David J. Cho  
David J. Cho  
Vice President and Assistant Secretary

STATE OF Texas )  
 ) ss:  
COUNTY OF Dallas )

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 22<sup>nd</sup> day of May, 2009.



Mary F Hatch  
Notary Public

SEAL  
My Commission Expires: 7-11-2009

**ATTACHMENT A**

Serial No.	Filing Date	Related Parent Reel/Frame	AT&T ID
12/638,032	12/15/2009	012197/0018	2001-0200Acon1

**ASSIGNMENT AND AGREEMENT**

For value received, we, Naofal Al-Dhahir of Chatham in the County of Morris and State of NJ, Christine Fragouli of Madison in the County of Morris and State of NJ, and William Turin of East Brunswick in the County of Middlesex and State of NJ, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Creating Training Sequences for Space-Time Diversity Arrangements** described in an application for Letters Patent of the United States, executed by us of even date herewith, and also previously filed in the United States as a Provisional Application No 60/282,647, filed April 9, 2001, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

We agree that, when requested, we shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

N.-m.-w. Al-Dhahir  
Naofal Al-Dhahir

Date 9/12/01

United States of America )  
State of NJ )ss.: 605-28-7198  
County of Morris )

On this 12<sup>th</sup> day of September, 2001,  
before me personally came Naofal Al-Dhahir, to me known to be the individual described  
in and who executed the foregoing instrument, and acknowledged execution of the same.

Maureen Kane-Sara  
Notary Public

MAUREEN KANE-SARA  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 2004

Christine Fragouli  
Christine Fragouli

Date 9/7/01

United States of America )  
State of NJ )ss.:  
County of Morris )

On this 7<sup>th</sup> day of September, 2001,  
before me personally came Christine Fragouli, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution of  
the same.

Henry Brunold  
Notary Public  
An attorney at Law of N.J.

William Turin

William Turin

Date 09/12/2001

United States of America )  
State of New Jersey )ss.:  
County of Morris )

On this 12<sup>th</sup> day of September, 2001,  
before me personally came William Turin, to me known to be the individual described in  
and who executed the foregoing instrument, and acknowledged execution of the same.

Maureen Kane-Sara  
Notary Public

MAUREEN KANE-SARA  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 2004