

10-01-2010

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To: The Commissioner for Patents: Ple

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nt(s) or copy(ies)

Submission Type:

New

Conveyance Type:

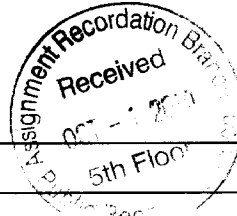
Assignment

Conveying Party(ies)

Name **Naofal Al-Dhahir**
Name **Christine Fragouli**
Name **William Turin**

Execution Date)

09/12/2001
09/07/2001
09/12/2001



Receiving Party

Name **AT&T Corp.**

Address **32 Avenue of the Americas, New York, NY 10013**

Conveying Party(ies)

Name **AT&T Corp**
Name

Execution Date

05/22/2009

Receiving Party

Name **AT&T Properties, LLC**

Address **645 Plumb Lane, Reno, NV 89502**

Conveying Party(ies)

Name **AT&T Properties, LLC**

Execution Date

05/22/2009

Receiving Party

Name **AT&T Intellectual Property II, L.P.**

Address **645 Plumb Lane, Reno, NV 89502**

Domestic Representative and Correspondent Name and Address associated with Customer No. **83634**

Pages Enter the total number of pages of the attached conveyance document including any attachments. # **8**

Application Number(s) **11/488342** or Patent Number(s) **7668255**

(Month Day Year)

If this document is being filed together with a new Patent Application, enter the date on which the patent application was signed by the first named executing inventor.

Enter the total number of properties involved # **1**

Fee Amount No. of Conveyances \$40 per conveyance Fee Amount **\$40**

Method of payment Via enclosed Fees Form Enclosed Deposit Account

Authorization to charge additional fees, if necessary Yes No Account Number **500732**

Statement and Signature To the best of knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Henry T. Brendzel
Name of Person Signing

Henry T. Brendzel
Signature

9/27/2010
Date

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 12th 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 9/2/02

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

On this 7th 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 Brunelle
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 12th 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

RECORDABLE PATENT ASSIGNMENT

This Recordable Patent Assignment is between AT&T Corp. ("AT&T Corp."), a New York corporation, and AT&T Properties, LLC ("AT&T Properties"), a Nevada limited liability company.

Effective on June 30, 2008, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Corp. hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T Properties all of AT&T Corp.'s 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 Corp. 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 Corp. 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 Properties, its successors, assigns and legal representatives.

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

AT&T CORP.

By: [Signature]
David J. Cho
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 22nd day of May, 2009.



[Signature]
Notary Public

SEAL
My Commission Expires: 7-11-2009

ATTACHMENT A

Serial No.	Filing Date	Group Art	Patent No.	Reel/Frame	AT&T ID
11/050,570	2/3/2005	2621	6556624	010869/0632	113622con
11/108,940	4/19/2005	2162	6904433	013792/0173	2000-0255con
11/190,403	7/27/2005	2634	6959047	012187/0959	2001-0200con
11/226,878	9/14/2005	2665	6970442	012088/0427	1999-0357con
11/227,626	9/15/2005	2634	7027536	011133/0810	1999-0623con
11/227,689	9/15/2005	2616	7006441	011351/0077	1999-0776con
11/235,781	9/27/2005	2619	6993043	011803/0141	1999-0795con
11/235,926	9/27/2005	2623	7007297	011304/0520	2000-0072con
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11/380,531	4/27/2006	2416	7068628	011583/0436	2000-0294
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11/488,342	7/18/2006	2611	7154964	012197/0018	2001-0200Acon
11/488,572	7/18/2006	2416	7099329	012404/0879	2001-0324con
11/519,700	9/12/2006	2626	7117156	012033/0725	1999-0096D-con
11/527,064	9/26/2006	2114	6742135	011281/0107	113122con1
11/543,429	10/5/2006	2614	6707893	013098/0287	2000-0346con2
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12/290,811	11/4/2008	2631	6700937	010739/0795	1999-0078con1
12/313,897	11/25/2008	2618	7155192	012209/0337	2001-0058CON
12/316,068	12/9/2008	2684	7058367	013757/0655	2000-0214con1
12/317,437	12/23/2008	2631	7010029	011253/0383	2000-0238con1
11/031389	1/8/2005	2432		016179/0489	2003-0307



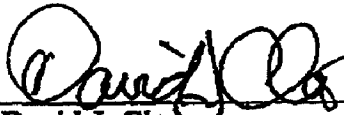
RECORDABLE PATENT ASSIGNMENT

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.

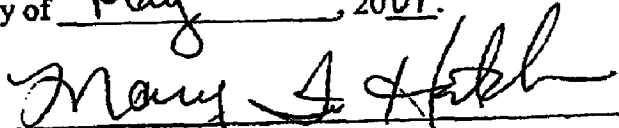
AT&T PROPERTIES, LLC

By: 
 David J. Cho
 Vice President and Assistant Secretary

STATE OF *Texas*)
)
 COUNTY OF *Dallas*) ss:

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 22nd day of May, 2009.




 Notary Public

SEAL
 My Commission Expires: 7-11-2009

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