

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AT&T Corp. | 06/02/2010 |
| RECEIVING PARTY DATA | |
| Name: | AT&T Properties, LLC |
| Street Address: | 645 East Plumb Lane |
| City: | Reno |
| State/Country: | NEVADA |
| Postal Code: | 89502 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12069635 |
| CORRESPONDENCE DATA | |
| Fax Number: | (973)325-1501 |
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| ATTORNEY DOCKET NUMBER: | 2007-0905 |
| NAME OF SUBMITTER: | Kevin J. Beach |
| Total Attachments: 2 source=13807-1135AssignmentATTcorpWithATTproperties#page1.tif source=13807-1135AssignmentATTcorpWithATTproperties#page2.tif | |

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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.

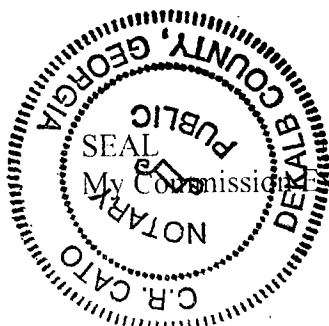
IN WITNESS WHEREOF, AT&T Corp. has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

AT&T CORP.

By: Deborah W. Perantoni
Deborah W. Perantoni
Assistant Secretary

STATE OF Georgia)
COUNTY OF DeKalb) 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 2nd day of June, 2010



C.R. Cato
Notary Public

ATTACHMENT A

| Serial No. | Title |
|------------|---|
| 12/069,635 | A METHOD FOR IMPROVING THE PERFORMANCE OF PHASE-MODULATED COMMUNICATION SYSTEMS IN AN OPTICAL NETWORK . |
| 11/235,896 | METHOD FOR ROUTING OPTICAL SIGNALS WITH DIVERSITY REQUIREMENTS |
| 12/460,331 | WAVELENGTH REAL TIME DISPLAY ON THE EQUIPMENT FOR WDM OPTICAL NETWORKING SYSTEMS WITH WAVELENGTH TUNABLE CAPABILITY |
| 11/239,368 | CONCEPT OF ZERO-DENSE WAVE DIVISION MULTIPLEXER DISASTER RECOVERY PROCESS |