

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AT&T Properties, LLC	06/02/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T Intellectual Property II, L.P.
<b>Street Address:</b>	645 East Plumb Lane
<b>City:</b>	Reno
<b>State/Country:</b>	NEVADA
<b>Postal Code:</b>	89502
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11239368
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	003493.00405
<b>NAME OF SUBMITTER:</b>	Kevin J. Beach
<b>Total Attachments: 2</b> source=Name change AT&T Properties to AT&T Intell. Propr. II#page1.tif source=Name change AT&T Properties to AT&T Intell. Propr. II#page2.tif	

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**PATENT**  
**REEL: 024517 FRAME: 0687**

# 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

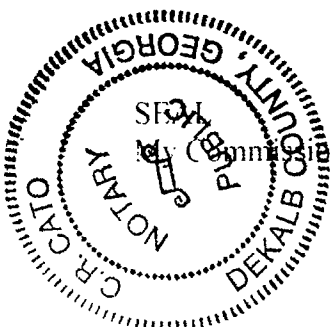
By: Deborah W. Perantoni

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.

CR Cato  
Notary Public



My Commission Expires: January 22, 2012

## 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