

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 70%;">Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Martin Birk</td><td>02/04/2005</td></tr><tr><td>Angela Lan Chiu</td><td>02/04/2005</td></tr><tr><td>John L. Strand</td><td>02/04/2005</td></tr></tbody></table>		Name	Execution Date	Martin Birk	02/04/2005	Angela Lan Chiu	02/04/2005	John L. Strand	02/04/2005
Name	Execution Date								
Martin Birk	02/04/2005								
Angela Lan Chiu	02/04/2005								
John L. Strand	02/04/2005								
RECEIVING PARTY DATA									
Name:	AT&T Corp., a corporation of the State of New York								
Street Address:	32 Avenue of the Americas								
City:	New York								
State/Country:	NEW YORK								
Postal Code:	10013-2412								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 30%;">Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11573970</td></tr></tbody></table>		Property Type	Number	Application Number:	11573970				
Property Type	Number								
Application Number:	11573970								
CORRESPONDENCE DATA									
Fax Number:	(312)580-9696								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 4:	Chicago, ILLINOIS 60606								
ATTORNEY DOCKET NUMBER:	2004-0291CON								
NAME OF SUBMITTER:	Daniel J. Glitto								
Total Attachments: 3 source=assmt#page1.tif source=assmt#page2.tif source=assmt#page3.tif									

OP \$40.00 11573970

ASSIGNMENT AND AGREEMENT

For value received, we,

Martin BIRK of *Belford in New Jersey*,
Angela Lan CHIU of *Holmdel in New Jersey*, and
John L. STRAND of *Holmdel in New Jersey*,

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:

ARRANGEMENT FOR LOW COST PATH PROTECTION FOR OPTICAL COMMUNICATIONS NETWORKS

described in an application for Letters Patent of the United States, executed by us of even date herewith, 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.

AT&T CORP. ROOM 2A-207 ONE AT&T WAY BEDMINSTER, NEW JERSEY 07921

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.

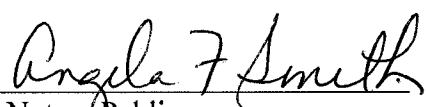


Martin BIRK

Date: February 4, 2005

United States of America)
State of New Jersey)
County of Monmouth)

On this 4 day of February, 2005, before me personally came **Martin BIRK**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

ANGELA F. SMITH
Notary Public Of New Jersey
Commission Expires 03/06/2007

Angela Lan Chiu

Angela Lan CHIU

Date: February 4, 2005

United States of America)

State of New Jersey)

County of Monmouth)

On this 4 day of February, 2005, before me personally came **Angela Lan CHIU**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

ANGELA F. SMITH
Notary Public Of New Jersey
Commission Expires 03/06/2007

Angela F Smith
Notary Public

John L Strand

John L. STRAND

Date: February __, 2005

United States of America)

State of New Jersey)

County of Monmouth)

On this 4 day of February, 2005, before me personally came **John L. STRAND**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

ANGELA F. SMITH
Notary Public Of New Jersey
Commission Expires 03/06/2007

Angela F Smith
Notary Public

AT&T CORP. ROOM 2A-207 ONE AT&T WAY BEDMINSTER, NEW JERSEY 07921