

03-17-2005



SHEET

102961031

To the Honorable Commissioner of Patents

original documents or copy thereof.

1. Name of conveying party(ies):

Martin BIRK
Xiang ZHOU

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: March 4, 2005

2. Name and address of receiving party(ies):

Name: AT&T Corp.

Street Address: 32 Avenue of the Americas

City: New York State: New York ZIP:- 10013-2412

Additional name(s) & address(es) attached? ☐ Yes ☒ No

112975 U.S. PTO
11/073121

030405

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 4, 2005

A. Patent Application No. B. Patent No. (s)
Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Mr. Samuel H. Dworetsky**

Street Address: **AT&T Corp.**
Room 2A-207
One AT&T Way

City: Bedminster State: New Jersey ZIP: 07921

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☐ Enclosed
☒ Enclosed Credit Card Payment Form
☐ Authorized to be charged to deposit account
☒ Charge fee deficiencies, credit overpayments, to Deposit Account 50-2396 (Axiom).

8. Deposit account number: 50-2396
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Raymond C. Glenn (32,413)
Name of Person Signing

Raymond C. Glenn
Signature

March 4, 2005
Date

Docket No. 2004-0326 Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Mail Stop: Assignments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

03/10/2005 EHAILE1 00000039 11073121

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40.00 DP

PATENT
REEL: 016359 FRAME: 0219

ASSIGNMENT AND AGREEMENT

For value received, we,

Mar in BIRK of *Belford in New Jersey*, and
Xiang ZHOU of *Middletown 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 CHARACTERIZING AND REDUCING
MULTI-PATH INTERFERENCE (MPI) AND/OR OPTICAL RETURN LOSS (ORL)
IN OPTICAL TRANSMISSION LINKS HAVING MULTIPLE DISCRETE REFLECTION SOURCES**

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.

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

**PATENT
REEL: 016359 FRAME: 0220**

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: March 4, 2005

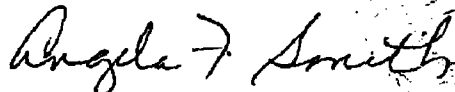
United States of America)

State of New Jersey)

County of Monmouth)

On this 4 day of March, 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.

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



Notary Public


Xiang ZHOU

Date: March 4, 2005

United States of America)

State of New Jersey)

County of Monmouth)

On this 4 day of March, 2005, before me personally came **Xiang ZHOU**, 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

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