505004060 07/16/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JAMES A. GARDNER	10/06/2005
DARRELL G. FREEMAN	10/12/2005

RECEIVING PARTY DATA

Name:	AT&T CORP.	
Street Address:	32 AVENUE OF THE AMERICAS	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10013	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16034448

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 919-469-2629

Email: admin@scottzimmerman.com
Correspondent Name: SCOTT P. ZIMMERMAN, PLLC

Address Line 1: P. O. BOX 3822

Address Line 4: CARY, NORTH CAROLINA 27519

ATTORNEY DOCKET NUMBER:	2002-0010 CON5	
NAME OF SUBMITTER:	SCOTT P. ZIMMERMAN	
SIGNATURE:	/Scott P. Zimmerman/	
DATE SIGNED:	07/16/2018	

Total Attachments: 3

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PATENT 505004060 REEL: 046355 FRAME: 0275

Docket No.: 2002-0010CIP

ASSIGNMENT AND AGREEMENT

For value received, we, James A. Gardner, of Holmdel in the County of Monmouth and State of New Jersey, and Darrell G. Freeman, of Breckenridge in the County of Stephens and State of Texas, 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 Asymmetric Data Mirroring described in an application for Letters Patent of the United States, U.S. Appl. Serial No.: 11/203,420, filed on August 12, 2005, 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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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.

James A. Gardner

Date: 10/6/65

United States of America

State of Mew Jersey)
County of THE MILLEUTTI)

On this 6 day of 6 letelize, 2005, before me personally came James A. Gardner, 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

Jocket No.: 2002-0010CIP

(6)	2 mel 1	G 2n-
	Darrell G.	Freeman

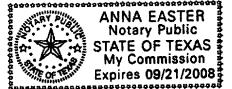
Date: 10-12-05

United States of America

State of TEXAS)

County of Stephens

On this 12th day of October, 2005, before me personally came Darrell G. Freeman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

AT&T Corp.
Room 2A-207
One AT&T Way
Bedminster, New Jersey 07921