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U.S. DEPARTMENT OF COMMERCE
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103584098

To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

1. Name of conveying party(ies)

Robert R. Miller II
Harry R. Worstell

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/2/2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: AT&T Intellectual Property I, L.P.

Internal Address:

Street Address: 645 East Plumb Lane

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4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John Sherman (Docket 2009-0767A)

Internal Address: Room 3A-238-

Street Address: One AT&T Way

City: Bedminster

State: NJ Zip: 07921

Phone Number: 908 532-1991

Fax Number: 908 532 1219

Email Address: johnsberman@att.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

12/18/2009 DRYRNE 00300061 502186 1265316
01 FC:0021 40.00 DA
Deposit Account Number 502,186
Authorized User Name Ronald D. Slusky

9. Signature:

Signature

Ronald D. Slusky

Name of Person Signing

12/8/09
Date

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 023702 FRAME: 0858

ASSIGNMENT AND AGREEMENT

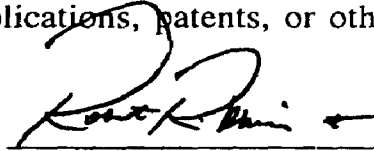
For value received, we, **Robert R. Miller II** of Convent Station, New Jersey; and **Harry R. Worstell** of Florham Park, New Jersey, hereby sell, assign and transfer to AT&T Intellectual Property I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 East Plumb Lane, Reno, Nevada, 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 **Using an electric power cable as the vehicle for communicating an information-bearing signal through a barrier** described in an application for Letters Patent of the United States executed 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 invention; and we also concurrently hereby sell, assign and transfer to AT&T Intellectual Property I, L.P. the entire right, title and interest in and to said invention 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 Intellectual Property I, L.P. 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 invention, 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 Intellectual Property I, L.P. to apply for patent or other form of protection for said invention and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said invention be issued to AT&T Intellectual Property I, L.P. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Intellectual Property I, L.P. may designate.

We agree that, when requested, we shall, without charge to AT&T Intellectual Property I, L.P. 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.



Robert R. Miller II

Date: 12/2/09

United States of America)

State of New Jersey)

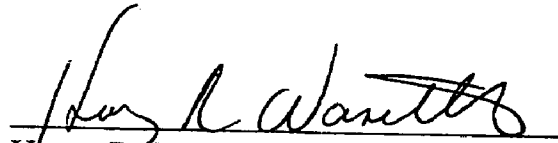
County of Morris)

On this 2 day of December, 2009, before me personally came Robert R. Miller II, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

ISABEL M. CABRERA
NOTARY PUBLIC OF NEW JERSEY
I.D. # 2389780
My Commission Expires 9/24/2014


Harry R. Worstell

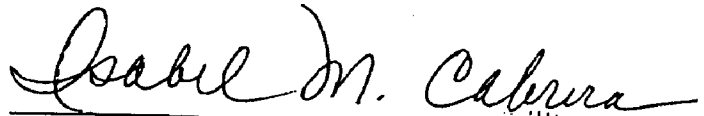
Date: 12/2/2009

United States of America)

State of New Jersey)

County of Morris)

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I.D. # 2389780
My Commission Expires 9/24/2014