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☐ Correction of PTO Error

☐ Corrective Document

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☑ Assignment

☐ Security Agreement

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☐ Change of Name

☐ Merger

☐ Other

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Conveying Party(ies)

☑ Mark if additional names of conveying parties attached

Name (line 1) Arango, Mauricio

 Execution Date Month Day Year
02/16/1999

Name (line 2)

Second Party

Name (line 1) Cahl, Louis

 Execution Date Month Day Year
02/11/1999

Name (line 2)

Receiving Party

☑ Mark if additional names of receiving parties attached

Name (line 1) Bell Communications Research, Inc.

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) A Delaware Corporation

Address (line 1) 445 South Street

Address (line 2)

Address (line 3) Morristown

City New Jersey

State/Country 07960

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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3/16/1999 MMDDYY 00000009 021820 09206121

1 FC1581 40.00 CH

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Mail documents to be recorded with required cover sheet(s) Information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 9806 FRAME: 0525
Correspondent Name and Address
Name: Joseph Giordano, Esq.
Address (line 1): Bell Communications Research, Inc.
Address (line 2): 445 South Street - Room 1G-112R
Address (line 3): Morristown, New Jersey 07960

Pages
Enter the total number of pages of the attached conveyance document including any attachments. # 4

Application Number(s) or Patent Number(s)
Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)
09205560

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was
Month Day Year

Patent Cooperation Treaty (PCT)
Enter PCT application number only if a U.S. Application Number has not been assigned.
PCT

Number of Properties
Enter the total number of properties involved. # 1

Fee Amount
Fee Amount for Properties Listed (37 CFR 3.41): $ 40.00

Method of Payment:
Enclosed □ Deposit Account □

Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the
Deposit Account Number:
# 02-1820

Authorization to charge additional fees: Yes ☑ No □

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. Charges to deposit account are authorized, as indicated herein.

Joseph Giordano
Name of Person Signing

Signature
Date 3/8/97
**Correspondent Name and Address**

<table>
<thead>
<tr>
<th>Name</th>
<th>Joseph Giordano, Esq.</th>
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<td>Bell Communications Research, Inc.</td>
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Joseph Giordano

Name of Person Signing

Signature

Date 3/8/99
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PATENTS ONLY

Conveying Party(ies)  
Mark if additional names of conveying parties attached

Name (line 1)  Cook, Michael J.  
Name (line 2)  
Name (line 1)  Ely, Thomas C.  
Name (line 2)  
Name (line 1)  Huitema, Christian  
Name (line 2)  

Receiving Party  
Mark if additional names of receiving parties attached

Name (line 1)  
Name (line 2)  
Address (line 1)  
Address (line 2)  
Address (line 3)  
City  State/Country  Zip Code

Application Number(s) or Patent Number(s)  
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Execution Date  
Month  Day  Year
02/11/1999
02/11/1999
03/02/1999

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CONVEYING PARTY(IES)

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<tr>
<td>Obrock, Fredrick</td>
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<td>Smyk, Darek A.</td>
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ASSIGNMENT

KNOW, ALL MEN, BY THESE PRESENTS THAT

WHEREAS, I/we, Mauricio Arango, Louis Cahl, Michael J. Cook; Thomas C. Ely, Christian Huitema, Frederick Obrock and Darek A. Smyk have invented certain useful improvements in “Method and System for Media Connectivity Over a Packet-Based Network” described in an application for Letters Patent Serial No. 09/205,560, filed December 3, 1998; and

WHEREAS, Bell Communications Research, Inc., a corporation of the State of Delaware, having a place of business at 445 South Street, Morristown, NJ 07960, United States of America, for the benefit of itself and its successors and assigns, all inclusively hereinafter referred to as “Assignee”, is desirous of acquiring all rights, title, and interest in and to said application, all inventions disclosed therein, and any and all Letters Patent of the United States of America, and of all other countries, which may be granted for said inventions, or any of them; and

WHEREAS, I/we hereby represent and warrant to Assignee that I/we have, with respect to third parties, full and unencumbered rights, title, and interest in and to said application, inventions, and Letters Patent, and further that I/we may freely assign the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/we do hereby sell, assign, and transfer to Assignee all my/our rights, title, and interest in and to said application, including all priority rights arising therefrom, all inventions disclosed therein, and all divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and of all other countries, and all reissues thereof, which may be granted for said inventions, or any of them, together with the right to make application for any and all of the same;

TO HAVE, HOLD, AND ENJOY said inventions, said application and rights, and said Letters Patent, or any of them, to its own use and behoof to the full end of the term or terms for which said applications may endure and for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment not been made;

AND I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks to issue or reissue such Letters Patent as may be granted on said application, on any division or continuation thereof, or for said inventions, or any of them, to Assignee in accordance with the terms of this instrument;

AND I/WE HEREBY agree that I/we shall, at the request of Assignee and without demand of further consideration, but at no expense to me/us, do all lawful and just acts, including execution and acknowledgment of instruments, furnishing information, and giving testimony, particularly in the event of interference or litigation, indicated by counsel for Assignee to be necessary for obtaining, maintaining, and perfecting the property rights, or any of them, hereby assigned.

IN WITNESS WHEREOF, I/we hereunto set my/our hand and seal on the day and year indicated.

[Signature]
Mauricio Arango
Date: 2/16/99

County of Broward
State of Florida
ss:

Then personally appeared before me on the indicated date(s) the above-named Mauricio Arango, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

[Signature]
Dolores E. Ace
NOTARY PUBLIC

PATENT
Reel: 9806 Frame: 0530
Then personally appeared before me on the indicated date(s) the above-named Louis Cahl, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

Date: 2/11/99

Barbara Lilly
NOTARY PUBLIC

County of )
State of ) ss:

Then personally appeared before me on the indicated date(s) the above-named Michael J. Cook, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

Date: 2/11/99

Barbara Lilly
NOTARY PUBLIC
Then personally appeared before me on the indicated date(s) the above-named **Thomas C. Ely**, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.


Then personally appeared before me on the indicated date(s) the above-named **Christian Huitema**, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.
Then personally appeared before me on the indicated date(s) the above-named Frederick Obrock, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

2/11/99
Date

Barbara Lily
NOTARY PUBLIC

County of
State of

Derek A. Smyk

2/11/99
Date

Barbara Lily
NOTARY PUBLIC

County of
State of

EASTON LILLEY
NOTARY PUBLIC OF NEW JERSEY
HUNTINGDON COUNTY
My Commission Expires April 25, 2000

EASTON LILLEY
NOTARY PUBLIC OF NEW JERSEY
HUNTINGDON COUNTY
My Commission Expires April 25, 2000

Then personally appeared before me on the indicated date(s) the above-named Derek A. Smyk, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

2/11/99
Date

Barbara Lily
NOTARY PUBLIC

RECORDED: 03/11/1999
PATENT
REEL: 9806 FRAME: 0533