

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the filing date of the parent application listed on the Assignment document previously recorded on Reel 022562 Frame 0264. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anindo BAGCHI</td> <td>01/26/2009</td> </tr> <tr> <td>Tirunell V. LAKSHMAN</td> <td>03/10/2009</td> </tr> <tr> <td>Kasra RASTANI</td> <td>02/11/2009</td> </tr> </tbody> </table>		Name	Execution Date	Anindo BAGCHI	01/26/2009	Tirunell V. LAKSHMAN	03/10/2009	Kasra RASTANI	02/11/2009
Name	Execution Date								
Anindo BAGCHI	01/26/2009								
Tirunell V. LAKSHMAN	03/10/2009								
Kasra RASTANI	02/11/2009								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	BELL COMMUNICATIONS RESEARCH, INC.								
<b>Street Address:</b>	290 West Mount Pleasant Avenue								
<b>City:</b>	Livingston								
<b>State/Country:</b>	NEW JERSEY								
<b>Postal Code:</b>	07039								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>5301055</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	5301055				
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Patent Number:	5301055								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(608)258-4258								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	608-257-5035								
<b>Email:</b>	MadisonIPDocketing@foley.com, wmorris@foley.com								
<b>Correspondent Name:</b>	Paul S Hunter, Foley & Lardner LLP								
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<b>Address Line 4:</b>	Madison, WISCONSIN 53703-1481								
<b>ATTORNEY DOCKET NUMBER:</b>	088245-7647								
<b>NAME OF SUBMITTER:</b>	Paul S. Hunter								

OP \$40.00 5301055

**500873391**

**PATENT**  
**REEL: 022757 FRAME: 0596**

**Total Attachments: 5**

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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Anindo Bagchi  
Tirunell V. Lakshman  
Kasra Rastani

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

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

Name: Bell Communications Research, Inc.

Internal Address: \_\_\_\_\_

Street Address: 290 West Mount Pleasant Avenue

City: Livingston

State: New Jersey

Country: United States Zip: 07039

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

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

Execution Date(s) 1-26-09; 3-10-09; 2-11-09

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

**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)

5,301,055

Additional numbers attached?  Yes  No

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

Name: Joseph D'Avanzo

Internal Address: Telcordia Technologies, Inc.

Street Address: One Telcordia Drive 5G107

City: Piscataway

State: New Jersey Zip: 08854-4157

Phone Number: (732) 699-3673

Fax Number: (732) 336-3004

Email Address: jdavanzo@telcordia.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

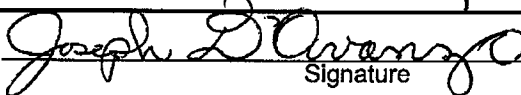
- Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 021822

Authorized User Name Joseph D'Avanzo

**9. Signature:**

  
Signature

April 17, 2009

Date

Joseph D'Avanzo  
Name of Person Signing

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

6

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

## CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency which is hereby acknowledged, on this 13 day of ~~January~~ <sup>January</sup>, 2009, Anindo Bagchi, residing in Ocean, NJ, Tirunell V. Lakshman, residing in Eatontown, NJ and Kasra Rastani, residing in Freehold, NJ (together, the "Assignors"), to ensure that the assignment made effective August 27, 1991, and filed with the United States Patent and Trademark Office on October 1, 1991 at Reel/Frame 005873/0050 is completed, hereby sell, assign, and transfer to Bell Communications Research, Inc., a Delaware corporation ("Assignee"), the full extent of all right, title, and interest in and to any and all of the following (collectively, the "Rights"):

1. Patent application Serial No. 07/769,873 filed on ~~May 15, 1989~~ <sup>October 1, 1991</sup> (the "Application");
2. All inventions claimed or described in the Application, (collectively, "the Inventions");
3. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, or other patent applications claiming priority rights from the Application ("Potential Patents");
4. All reissues, reexaminations, extensions, or registrations of the Patent or Potential Patents;
5. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Application, the Patent, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
6. The right to claim priority rights deriving from the Application;
7. All causes of action and remedies related to any or all of the Application, the Patent, the Inventions, Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
8. Any and all other rights and interests arising out of, in connection with, or in relation to Application, the Patent, the Inventions, Potential Patents, or Foreign Rights.

Assignors will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights or perfect or defend title to the Rights. Assignors request the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, his successors, legal representatives and assigns.

By: Anindo Bagchi  
Anindo Bagchi

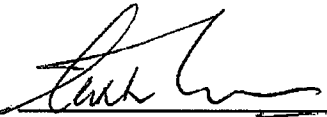
**ATTESTATION (foreign)**

The undersigned witnessed the signature of (*assignor*) to this document and makes the following statements:

1. Anindo Bagchi is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 1/26, 2009, to execute this document.
2. Anindo Bagchi subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

By: Ellen Brown  
Print Name: Ellen Brown

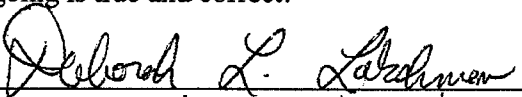
By:   
Trunell V. Lakshman

**ATTESTATION (foreign)**

The undersigned witnessed the signature of (*assignor*) to this document and makes the following statements:

1. Trunell V. Lakshman, is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 3/10, 2009, to execute this document.
2. Trunell V. Lakshman., subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

By:   
Print Name: Deborah L. Lakshman

By: \_\_\_\_\_  
Kasra Rastani,



**ATTESTATION (foreign)**

The undersigned witnessed the signature of (*assignor*) to this document and makes the following statements:

1. Kasra Rastani, is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 2/11/, 2009, to execute this document.
2. Kasra Rastani, subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

By: \_\_\_\_\_



Print Name: Suzan Zadeh Khomasani