

Form PTO-1595 (Rev. 12-08)  
OMB No. 0651-0027 (exp. 01/31/2009)

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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)

Paul Raymond Briggs, Jr.  
Gabor David Kiss  
John Peter Varachi, Jr.

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

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

Execution Date(s) 1-28-2009; 1-26-2009; 3-20-2009

- ☒ 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: 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

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

A. Patent Application No.(s)

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

B. Patent No.(s)

5,127,820

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

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:

Joseph D'Avanzo  
Signature

March 24, 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 20<sup>th</sup> day of March, 2009, Paul Raymond Briggs, Jr., residing in Stillwater, NJ, Gabor David Kiss, residing in Long Valley, NJ, and John Peter Varachi, Jr., residing in Wayne, NJ (together, the "Assignors"), to ensure that the assignment made effective November 6, 1989 and filed with the United States Patent and Trademark Office on November 7, 1989 at Reel/Frame 005176/0943 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. U.S. Patent 5,034,170 ("the Patent");
2. Priority application Serial No. 07/432,927 filed on November 7, 1989, which issued as the Patent (the "Application");
3. All inventions claimed or described in any or all of the Patent, the Application, or the (collectively, "the Inventions");
4. 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 or the Application ("Potential Patents");
5. All reissues, reexaminations, extensions, or registrations of the Patent or Potential Patents;
6. 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;
7. The right to claim priority rights deriving from the Application;
8. 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
9. 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: Paul Raymond Briggs, Jr.  
Paul Raymond Briggs, Jr.

**ATTESTATION (foreign)**

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

1. Paul Raymond Briggs, Jr. is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on JAN. 28<sup>th</sup>, 2009, to execute this document.
2. Paul Raymond Briggs, Jr. 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: Antoinette J. Briggs  
Print Name: Antoinette J. Briggs

By: Gabor David Kiss

Gabor David Kiss

**ATTESTATION (foreign)**

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

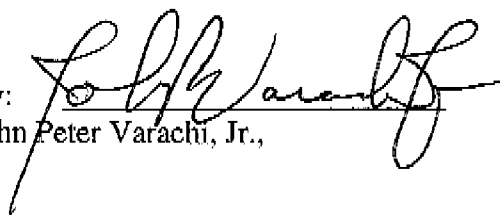
1. Gabor David Kiss is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 1/26, 2009, to execute this document.
2. Gabor David Kiss subscribed to this document.

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

By: Ellen BraunPrint Name: Ellen Braun

By:

John Peter Varachi, Jr.,

**ATTESTATION (foreign)**

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

1. John Peter Varachi, Jr., is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 3-20, 2009, to execute this document.
2. John Peter Varachi, Jr., 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:

Geri Varachi