TO THE DIRECTOR OF THE U.S. PATENT OFFICE
SIR: PLEASE RECORD THE ATTACHED DOCUMENT

1. NAME OF CONVEYING PARTY(IES):
   1. Gerhardt GELDENBOTT;
   2. Gordon HINES;
   3. Jeff MARTIN; &
   4. Ed DAY

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? □ YES □ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:
   NAME: TeleCommunication Systems, Inc.
   ADDRESS: 275 West Street, Suite 400, Annapolis, Maryland 21401

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? □ YES □ NO

3. NATURE OF CONVEYANCE (DOCUMENT):
   (Submit herewith only one document for recordation – multiple copies of same Assignment signed by different
   inventors is one document.)
   □ ASSIGNMENT OF: □ CHANGE OF NAME □ SECURITY □ MERGER □ OTHER:
   □ WHOLE □ PART INTEREST

EXEC. DATE: August 20, 2009

4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH: August 20, 2009
(NOTE: IF DATES ↑↓ DIFFER, SEE ATTORNEY!!)

4.5 APPL. OR PATENT NUMBER(S) – OTHERS ON ADD'L SHEET(S) ATTACHED? □ YES □ NO

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:
   MANELLI DENISON & SELTER PLLC
   2000 M Street, NW, 7th Floor
   Washington, DC 20036

5.5 ATTORNEY DOCKET:
   20-907 20-907
   MATTER NO. CLIENT REFERENCE
   duplicate sheet not required

6. NUMBER INVOLVED:
   APPLNS 1 + PATS = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581) ................
   ABOVE TOTAL $40 = $40

8. IF ABOVE FEE IS MISSING OR INADEQUATE, CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-0687

9. 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.

   Attorney: William H. Bollman
   Reg. No. 36,457
   WHB

   TEL. (202) 261-1020

   DATE: August 26, 2009
   FAX. (202) 887-0336

   FILE WITH PTO RETURN RECEIPT

   84 FC:8821

   PATENT
   REEL: 023160 FRAME: 0206
ASSIGNMENT AND AGREEMENT

For value received, we, Gerhard GELDENBITT, of 6032 27th Avenue NE in Seattle in the County of King and State of Washington; Gordon HINES, of 11227 NE 53rd Street in Kirkland in the County of King and State of Washington; Jeff MARTIN, of 1119 Purdue Dr in Longmont in the County of Boulder and State of Colorado; and Ed DAY, of 32214 23rd Avenue SW in Seattle in the County of King and State of Washington hereby sell, assign and transfer to TeleCommunication Systems, Inc., a corporation of the State of Maryland, having an office at 275 West Street, Suite 400, Annapolis, Maryland, 21401, 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 NATIONWIDE TABLE ROUTING OF VOICE OVER INTERNET PROTOCOL (VoIP) EMERGENCY CALLS, described in an application for Letters Patent of the United States, filed 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 inventions; and we also concurrently hereby sell, assign and transfer to TeleCommunication Systems, Inc. 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 TeleCommunication Systems, Inc. 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 TeleCommunication Systems, Inc. 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 invention be issued to TeleCommunication Systems, Inc. in the United States and in all countries foreign to the United States, or to such nominees as TeleCommunication Systems, Inc. may designate.
We agree that, when requested, we shall, without charge to TeleCommunication Systems, Inc. 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.

\[Signature\]

Gerhard GELDENBOTT

Date: \textbf{08/20/2009}

United States of America  
State of \textit{WA}  
County of \textit{King}  

On this \textbf{20th} day of \textit{August}, 2009, before me personally came Gerhard GELDENBOTT, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\[Signature\]

Merry E. Herbert  
Notary Public
Date: 08/20/2009

United States of America

State of W.A

County of King

On this 20th day of August, 2009, before me personally came Gordon HINES, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.
Date: 8/20/09

United States of America

State of WA

County of King

On this 20th day of August, 2009, before me personally came Ed DAY, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.