

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ON



103624783

TO THE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFICE:
SIR. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY T...

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. Timothy J. LORELLO

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: WHOLE PART INTEREST **EXEC. DATE: May 30, 2006**

CHANGE OF NAME VERIFIED TRANSLATION

SECURITY MERGER OTHER: 13067020

4 EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH: May 30, 2006
(NOTE: IF DATES ↑↓ DIFFER, SEE ATTORNEY!!)

4 5 APPL. OR PATENT NUMBER(S) - OTHERS ON ADD'L SHEET(S) ATTACHED? YES NO

| A. PAT. APP. NO.(S) series code/serial no. | MATTER # | 1ST INVENTOR if not in item 1 | B. PATENT NO(S) | MATTER # | 1ST INVENTOR if not in item 1 |
|---|----------|----------------------------------|-----------------|----------|----------------------------------|
| unknown | 20-242 | LORELLO | | | |

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

MANELLI DENISON & SELTER PLLC
2000 M Street, NW Suite 700
Washington, DC 20036

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

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

5 5 ATTORNEY DOCKET.

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

| | | | |
|-----------|------------------|------------------------------|---------------|
| 20-242 | 20-242 | UNDER ORDER NO: 20-242 | 20-242 |
| MATTER NO | CLIENT REFERENCE | duplicate sheet not required | CLIENT/MATTER |

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.

William H. Bollman

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

10. Total number of pages including this cover sheet, attachments and document **3**
(do not file duplicate cover sheet)

TEL. (202) 261-1020

DATE: May 3, 2011
FAX. (202) 887-0336

FILE WITH PTO RETURN RECEIPT

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PATENT

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ASSIGNMENT AND AGREEMENT

For value received, I, **Timothy J. LORELLO**, of **1524 Sappington Drive, Gambrills**, in the County of **Anne Arundel** and State of **Maryland**, 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 **VOICE OVER INTERNET PROTOCOL (VoIP) E911 METRO STREET ADDRESS GUIDE (MSAG) VALIDATION**, described in an application for Letters Patent of the United States executed by me on 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 inventions; and I 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.

I 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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.

I 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.

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I agree that, when requested, I 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.

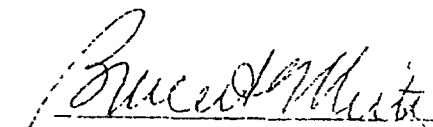


Timothy J. LORELLO

Date 5/30/2006

United States of America)
State of MARYLAND) ss.
County of ANNE ARUNDEL)

On this 30th day of MAY, 2006, before me personally came Timothy J. LORELLO, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public
