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TO THE DIRECTOR OF SIR: PLEASE RECORD		ILIVI AND TRADEMAR	KK OFFICE:	REOF.	S. PT.						
1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):											
Steve ANSPACH											
ADDITIONAL NAME(S)	OF CONVEYI	NG PARTY(IES) ATTAC	CHED? YES	3	х ио 81.8 10						
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 X NO											
3. NATURE OF CONVEYANCE (DOCUMENT):											
(Submit herewith <u>only one document</u> for recordation – multiple copies of same Assignment signed by different inventors is <u>one</u> document.)											
X ASSIGNMENT OF: X WHOLE PART INTEREST EXEC. DATE: November 14, 2003											
CHANGE OF NAME VERIFIED TRANSLATION											
SECURITY MERGER OTHER: 10716564											
4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH: November 14, 2003 (NOTE: IF DATES ↑↓ DIFFER, SEE ATTORNEY!!)											
4.5 APPL. OR PATENT NUMBER(S) – OTHERS ON ADD'L SHEET(S) ATTACHED? YES X NO											
A. PAT. APP. NO.(S) series code/serial no.		1ST INVENTOR if not in item 1	B. PATENT NO(S)	MATTER#	1ST INVENTOR if not in item 1						
unknown	20-524	ANSPACH									
Name & Address of P Concerning Documen			6. NUMBER INVOLVED: APPLNS 1 + PATS = TOTAL 1								
MANELLI DENISON & S 2000 M Street, NW Suite Washington, DC 20036		C	7. AMOUNT OF FEE ENCLOSED: (Code 581)								
5.5 ATTORNEY DOCKE	T:		8. IF ABOVE FEE IS MISSING OR INADEQUATE, CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER : 50-0687								
20-524		ANSPACH	UNDER ORDER NO: 20	-524	20-524						
MATTER NO. CL		CLIENT REFERENCE	duplicate sheet not required	С	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.											
Det.			Total number of pages including this cover sheet, attachments and document								
Attorney: William H. Boll	man		(do not file duplicate co	ver sheet)							
Reg. No. 36,457											
WHB/nmc /	TC! /	DATE: November 20, 2			003						
TEL. (202) 261-1020 FILE WITH PTO RE			FAX. (202) 887-0336								
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PATENT

REEL: 014729 FRAME: 0090

ASSIGNMENT AND AGREEMENT

For value received, I, Steve Anspach, of 4512 Stonhenge Road, in the city of Tampa, in the County of Hillsborough and State of Florida, 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 ENCRYPTION OF VOICE AND DATA IN A SINGLE DATA STREAM IN A DEPLOYABLE, SECURE COMMUNICATION SYSTEM, 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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PATENT REEL: 014729 FRAME: 0091 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.

Steve ANSPACH -

Date: 14 November 2008

United States of America

State of) ss.:

RECORDED: 11/20/2003

County of)

On this ______ day of _______, 2003, before me personally came Steve ANSPACH, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ruth S. Davis
Notary Public-State of Florida

Scommission # CC 895349
Expires Feb. 28, 2004

Notary Public