U.S. PTO 12/923142 09/03/2010

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PATENT APPLICATIONS & PAT						
TO THE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFIC SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS O. 103606866						
Richard DICKINSON; Don MITCHELL; Jonathan CROY.	1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)): Richard DICKINSON; Don MITCHELL;					
2. PARTY(IES) (ASSIGNEE(S	S)) RECEI	VING INTEREST:				
NAME: TeleCommunication ADDRESS: 275 West Street ADDITIONAL NAME(S) & ADD	Suite 40	0, Annapolis, Maryla	nd 21401	; <u> </u>	NO	
3. NATURE OF CONVEYANO (Submit herewith only one of inventors is one document) X ASSIGNMENT OF:	CE (DOCU document	IMENT): for recordation multi VHOLE F	PART INTEREST	<u> </u>	y different	
CHANGE OF NAME SECURITY		ERIFIED TRANSLAT	OTHER:			
4. EXECUTION DATES(S) OF (NOTE: IF DATES ↑↓ DIFF			O HEREWITH: August 2	22, 2006		
4.5 APPL. OR PATENT NUM	BER(S) –	OTHERS ON ADD'L	SHEET(S) ATTACHED?	YES	S X NO	
A. PAT. APP. NO.(S) series code/serial no.	TTER#	1ST INVENTOR if not in item 1	B. PATENT NO(S)	MATTER #	1ST INVENTOR if not in item 1	
unknown 2	0-338	DICKINSON				
Name & Address of Party to Concerning Document Sho	uld be Ma		6. NUMBER INVOLVE APPLNS <u>1</u> + PATS			
MANELLI DENISON & SELTI 2000 M Street, NW Suite 700 Washington, DC 20036	ER PLLC	<u> </u>	7. AMOUNT OF FEE ENCLOSED: (Code 581)			
5.5 ATTORNEY DOCKET:		brdar i 🖰	8. IF ABOVE FEE IS MISSING OR INADEQUATE, CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER : 50-0687			
20-338 20-338		20-338	UNDER ORDER NO: 20-338 20-338		20-338	
MATTER NO. CLIENT REFERENCE			duplicate sheet not required CLIENT/MATTER			
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		10. Total number of pa cover sheet, attachmen (do not file duplicate co	ts and document			
Reg. No. 36,457						
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WHB/jtm	TEI /201	2) 261-1020		September 3, 20 02) 887-0336	10	

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PATENT REEL: 024993 FRAME: 0804

ASSIGNMENT AND AGREEMENT

For value received, we, Richard DICKINSON, of Seattle, in the County of King and State of Washington, Don MITCHELL, of Bellevue, in the County of King and the State of Washington, and Jonathan CROY, of 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 EMERGENCY ALERT FOR VOICE OVER INTERNET PROTOL (VoIP), 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.

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PATENT REEL: 024993 FRAME: 0805

7	We	agree	that,	wher	n requested	, we	shall,	without ch	arge to	Tele(Comm	unicati	on
Systems	s, In	c. bu	t at its	exp	ense, sign	all pa	pers,	and do all a	cts which	h ma	ay be	necessa	ry,
desirabl	e or	conv	venient	in	connection	with	said	applications	patents,	or	other	forms	of
protection	on.												

	/ /	
Date:	8/22/06	

United States of America)
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State of WA
County of KING) ss.:

On this 22 day of August, 2006, before me personally came Richard DICKINSON, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Donald May Don MITCHELL

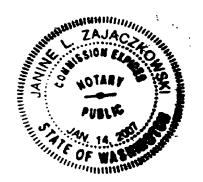
Date: 08-23-06

United States of America

State of () ss.:

County of King

On this 32d day of Accept, 2006, before me personally came Don MITCHELL, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Jonathan CROY

Date:	8/22	12006
Date.	015-	

United States of America

State of WA

) ss.:

County of KING

On this 22nd day of _____, 2006, before me personally came Jonathan CROY, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Netary Public

TeleCommunication Systems, Inc. 275 West Street, Suite 400 Annapolis, MD 21401

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PATENT REEL: 024993 FRAME: 0808