11/04/2011



U.S. PTO 13/317783

BOX ASSIGNMENTS			10/28/2011	DO NOT USE E	OR TRADEMARKS	
DOX AGGIGINIZATIS	103	635864	COVER SHEET	DO NOT OSET	OK TRADEWARKS	
10/28/11	PAT	ENT APPLICATION	S & PATENTS ONL	Υ .		
TO THE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFICE: SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.						
1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)): 1. Richard DICKINSON						
ADDITIONAL NAME(S)	OF CONVEYING	G PARTY(IES) ATTA	CHED? YES	6	X 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 X 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.)						
X ASSIGNMENT OF: X WHOLE PART INTEREST EXEC. DATE: February 9, 2007						
CHANGE OF NAME VERIFIED TRANSLATION						
SECURITY MERGER OTHER:						
4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH: February 9, 2007 (NOTE: IF DATES ↑↓ DIFFER, SEE ATTORNEY!!)						
4.5 APPL OR PATENT NUMBER(S) – OTHERS ON ADD'L SHEET(S) ATTACHED? YES X NO					S X 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	20-283	DICKINSON				
Name & Address of P Concerning Documen		•	6. NUMBER INVOLVED: APPLNS <u>1</u> + PATS = TOTAL <u>1</u>			
MANELLI SELTER PLLC 2000 M Street, NW, 7 th Floor Washington, DC 20036			7. AMOUNT OF FEE ENCLOSED: (Code 581)			
5.5 ATTORNEY DOCKET:			8. IF ABOVE FEE IS MISSING OR INADEQUATE, CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-0687			
20-283		20-283	UNDER ORDER NO: 20	-283	20-283	
MATTER NO. CLIENT REFERENCE		duplicate sheet not required	CI	LIENT/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.						
LUCH BLA Attorney: William H. Bollman Reg. No. 36,457			10. Total number of pages including this cover sheet, attachments and document (do not file duplicate cover sheet)			

WHB

TEL. (202) 261-1020

DATE: October 28, 2011

FAX. (202) 887-0336

FILE WITH PTO RETURN RECEIPT

10/31/2011 JADDO1 00900027 13317783 94 FC:8821 PATENT 48.8 REEL: 027281 FRAME: 0235 40.00 0

ASSIGNMENT AND AGREEMENT

For value received, I, Richard DICKINSON, of 2334 Federal Ave E, 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 MOBILE AUTOMATIC LOCATION IDENTIFICATION (ALI) FOR FIRST RESPONDERS, 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: 027281 FRAME: 0236

	all papers, and do all acts	arge to TeleCommunication Systems, which may be necessary, desirable or or other forms of protection.
		RICHARD DICKINSON
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United States of America)	THE REAL PROPERTY OF THE PARTY
State of WA) ss.:	Will all all all all all all all all all
State of WA County of King)	
On this 9Th	ie known to be the indi@d	, 2007, before me personally came ual described in and who executed the same.

PATENT REEL: 027281 FRAME: 0237

RECORDED: 10/28/2011