

12-07-2006

BOX ASSIGNMENTS

DO NOT USE FOR TRADEMARKS

SHEET
TS ONLY

103345634

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. John Gordon HINES;
2. Jonathan Alan CROY;
3. Roger Stuart MARSHALL

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: November 29, 2006

☐ CHANGE OF NAME☐ VERIFIED TRANSLATION☐ SECURITY☐ MERGER☐ OTHER:

4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HERewith: November 29, 2006

(NOTE: IF DATES $\uparrow\downarrow$ 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	20-867	HINES			

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

6. NUMBER INVOLVED:

APPLNS 1 + PATS = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL X \$40 = \$40

5.5 ATTORNEY DOCKET:

20-867	20-867	UNDER ORDER NO: 20-867	20-867
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.

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

5

Attorney: William H. Bollman

Reg. No. 36,457

WHB/jtm

TEL. (202) 261-1020

DATE: November 17, 2006

FAX. (202) 887-0336

FILE WITH PTO RETURN RECEIPT

PATENT

REEL: 018662 FRAME: 0870

113260 U.S. PTO
11/607036

120106

12/04/2006 MANELLI 00000044 11-607036 40 00 DP 05 FC:8021

For value received, we, **John Gordon HINES**, of 120 10th Street in Kirkland in the County of King and State of Washington; **Jonathan Alan CROY** of 3019 24th Avenue W in Seattle in the County of King and the State of Washington; **Roger Stuart MARSHALL** of 37521 200th Avenue SE in Auburn in the County of King and the 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 **AUTOMATIC LOCATION IDENTIFICATION (ALI) UNIQUE PSEUDO KEY (ESPK)**, 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.

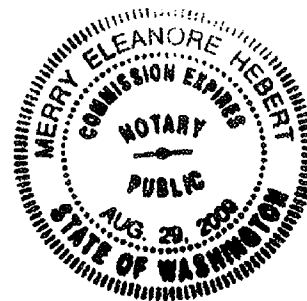
2401 Elliott Avenue, Seattle, Washington 98121
www.telecomsys.com

Enabling Convergent Technologies®

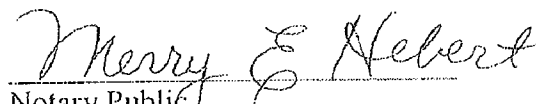
We agree that, when requested, we shall, without charge to TeleCommunication Systems, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Gordon John HINESDate: 11/29/06

United States of America)

State of WA) ss.:County of King)

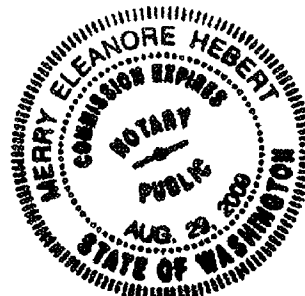
On this 29th day of November, 2006, before me personally came **Gordon John HINES**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

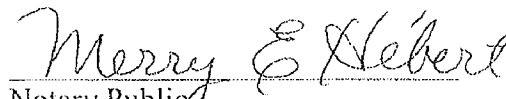

Roger Stuart MARSHALL

Date: 11/29/06

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

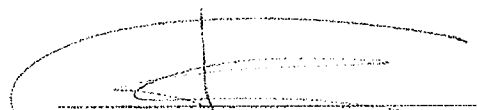


On this 29th day of November, 2006, before me personally came
Roger Stuart MARSHALL, to me known to be the individual described in and who executed
the foregoing instrument, and acknowledged execution of the same.


Notary Public

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

2401 Elliott Avenue, Seattle, Washington 98121
www.telecomsys.com


Jonathan Alan CROY

Date: 11/29/06


United States of America)

State of WA) ss.:

County of King)



On this 29th day of November, 2006, before me personally came **Jonathan Alan CROY**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public