

3-29-07

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BOX ASSIGNMENTS

04-16-2007



COVER SHEET
PATENTS ONLY

TO THE DIRECTOR OF T
SIR: PLEASE RECORD

103395109

OFFICE:
ITS OR COPY THEREOF.

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

- 1. Arlene HAVLARK;
- 2. Victor BURTON;
- 3. John AHRENS

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.)

<input checked="" type="checkbox"/> ASSIGNMENT OF:	<input checked="" type="checkbox"/> WHOLE	<input type="checkbox"/> PART INTEREST	EXEC. DATE: April 3, 2003
<input type="checkbox"/> CHANGE OF NAME	<input type="checkbox"/> VERIFIED TRANSLATION		
<input type="checkbox"/> SECURITY	<input type="checkbox"/> MERGER	<input type="checkbox"/> OTHER:	

4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH: April 3, 2003
(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	20-631	HAVLARK			

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:

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

20-631	20-631	UNDER ORDER NO: 20-631	20-631
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/jtm

10. Total number of pages including this cover sheet, attachments and document **5**
(do not file duplicate cover sheet)

TEL. (202) 261-1020

DATE: March 29, 2007
FAX. (202) 887-0336

FILE WITH PTO RETURN RECEIPT

06 FL:8021

46.89 09

PATENT
REEL: 019178 FRAME: 0536

ASSIGNMENT AND AGREEMENT

For value received, we, **Arlene HAVLARK**, of Seattle, in King County and State of Washington, and **Victor BURTON**, of Bellevue, in King County and State of Washington, and **John AHRENS**, of Maple Valley, in King County 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 **WIRELESS TELECOMMUNICATIONS LOCATION BASED SERVICES SCHEME SELECTION**, described in an application for Letters Patent of the United States, executed by us 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 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.

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.


Arlene HAVLARK

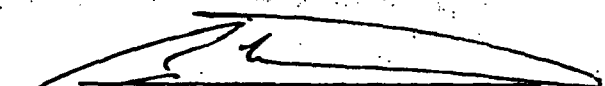
Date: 04/03/2003

United States of America)

State of Washington) ss.:

County of King)

On this 3rd day of April, 2003, before me personally came **Arlene HAVLARK**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public


Victor BURTON

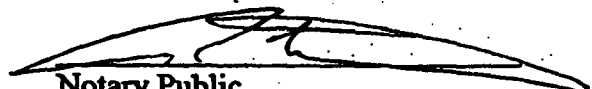
Date: 4/03/03

United States of America)

State of WASHINGTON) ss.:

County of KING)

On this 3rd day of April, 2003, before me personally came Victor BURTON, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



John AHRENS

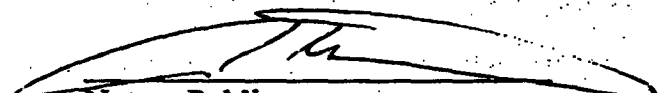
Date: 4-3-03

United States of America)

State of Washington) ss.:

County of King)

On this 3rd day of April, 2003, before me personally came John AHRENS, 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