

U.S. PTO
13/064203
03/10/2011

BOX ASSIGNMENTS

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03/18/2011



103620288

/ THEREOF.

TO THE DIRECTOR OF THE U.S. PAT
SIR: PLEASE RECORD THE ATTACH

- 1 NAME OF CONVEYING PARTY(IES)
1. Yinjun ZHU;
 2. Richard DICKINSON;
 3. Steven P. HELME;
 4. Roger 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: April 27, 2004**
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH April 27, 2004
(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	20-235	ZHU			

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

20-235	20-235	UNDER ORDER NO: 20-235	20-235
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.

Attorney: William H Bollman
Reg. No. 36,457
WHB/jtm

10. Total number of pages including this
cover sheet, attachments and document **6**
(do not file duplicate cover sheet)

DATE: March 10, 2011

FAX: (202) 887-0336

TEL. (202) 261-1020

FILE WITH PTO RETURN RECEIPT 63/11/2011 AVONDAFI 00000039 13064203

04 FC:8021

PATENT

REEL: 026001 FRAME: 0757

40.00 OP

ASSIGNMENT AND AGREEMENT


For value received, we, **Yinjun ZHU**, of **Sammamish**, in the County of **King** and State of **Washington**, **Richard DICKINSON**, of **Seattle**, in the County of **King** and State of **Washington**, **Steven P. HELME**, of **Shoreline**, in the County of **King** and State of **Washington** and **Roger MARSHALL**, of **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 **SOLUTIONS FOR VOICE OVER INTERNET PROTOCOL (VoIP) 911 LOCATION SERVICES**, 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.


Yinjun ZHU

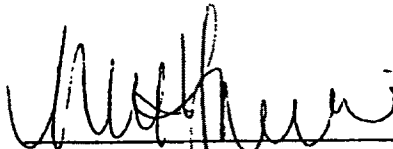
Date: 4/27/2004

United States of America)

State of Washington) ss.:

County of King)

On this 27th day of April, 2004, before me personally came Yinjun ZHU, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

Richard Dickinson
Richard DICKINSON

Date: 4/26/04

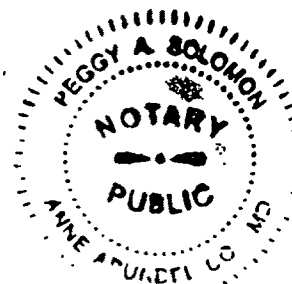
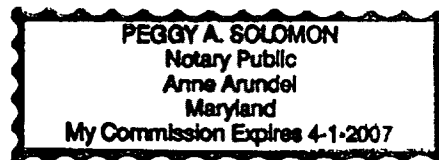
United States of America)

State of MARYLAND) ss.:

County of ANNE ARUNDEL)

On this 26th day of APRIL, 2004, 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.

Peggy A. Solomon
Notary Public



Steven Helme
Steven HELME

Date: 4/26/04

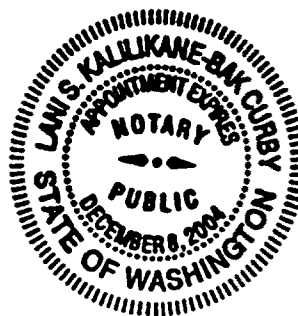
United States of America)

State of) ss.:

County of)

On this 26 day of April, 2004, before me personally came Steven HELME, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Judith Kaler Be...



Roger S. Marshall
Roger MARSHALL

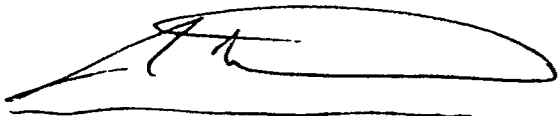
Date: 4/26/2004

United States of America)

State of Washington) ss.:

County of King)

On this 26th day of April, 2004, before me personally came **Roger MARSHALL**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

4-26-04
Date

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