

05-17-01

D\$

05-25-2001

Express Mail No. EL 451 596 835 US



101729164

Attorney Docket Number  
10302-005-999TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Box Assignment  
Washington, DC 20231

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Robert Rennard, Sean Quan Du, Sami Fawzi  
Nasser, Yi-Chung Chao, Ruslan Adikovich  
Meshenberg, Haiping Jin, Chung Benjamin Yip

## 2. Name and address of receiving party(ies):

Name: TeleVigation, Inc.Address: 265 Santa Ana Court  
Sunnyvale, California 94086Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Country (if other than USA): \_\_\_\_\_

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: April 4, 2001

## 4. Application number(s) or patent number(s): 09/574,556

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/574,556

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP  
1155 Avenue of the Americas  
New York, NY 100366. Number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00  
Please charge to the deposit account listed in Section 8.8. Deposit account number:  
16-1150

DO NOT USE THIS SPACE

## 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.*

Thomas E. Friebe

29,258

Name of Person Signing

Reg. No.

Signature

Date

5-15-2001

Total number of pages including cover sheet:

4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignment  
Washington, D.C. 20231

## ASSIGNMENT

WHEREAS, WE, Robert Rennard, Sean Quan Du, Sami Fawzi Nasser, Yi-Chung Chao, Ruslan Adikovich Meshenberg, Haiping Jin, and Chung Benjamin Yip, ASSIGNORS, citizens of the United States, Lebanon, Taiwan, R.O.C., and Hong Kong, residing at 12825 Stevens Avenue, San Martin, California 95046; 840 Cape May Place, San Jose, California 95133; 415 West Sunnyside Avenue, Campbell, California 95008; 1027 Nova Court, Milpitas, California 95035; 1000 Kiely Boulevard, Santa Clara, California 95051; 2502 Arrowood Lane, San Jose, California 95130 and 23195 East Brook Avenue, Los Altos, California 94024 are the inventors of the invention in METHOD AND SYSTEM FOR AN EFFICIENT OPERATING ENVIRONMENT IN A REAL-TIME NAVIGATION SYSTEM for which we have executed an application for a Patent of the United States

☒ which is executed on ☐ even date herewith or ☒ February 8, 2001

☒ which is identified by Pennie & Edmonds LLP docket no. 010302-0005-999

☒ which was filed on May 17, 2000, Application No. 09/574,556

and WHEREAS, TeleVigation, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

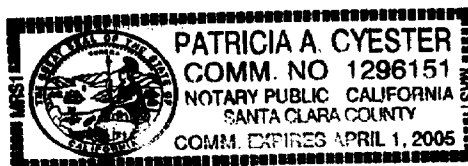
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date April 4, 2001, 2001 Robert Rennard L.S.  
Robert Rennard

State of Cal  
County of Santa Clara

On April 4, 2001, before me, Patricia A. Cyester, Notary Public, personally appeared Robert Rennard, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date 4/4/, 2001

Sean Quan Du

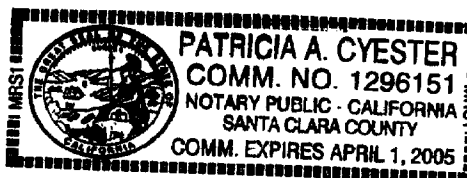
L.S.

State of Pa

County of Santa Clara

On April 4, 2001, before me, Patricia A. Cyester, Notary Public, personally appeared Sean Quan Du, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date 4/4/, 2001

Sami Fawzi Nasser

L.S.

State of Pa

County of Santa Clara

On April 4, 2001, before me, Patricia A. Cyester, Notary Public, personally appeared Sami Fawzi Nasser, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date 4/4, 2001

Yi-Chung Chao

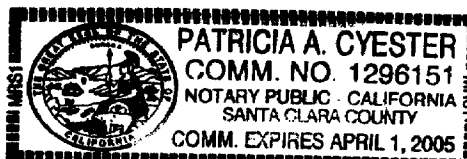
L.S.

State of Pa

County of Santa Clara

On April 4, 2001, before me, Patricia A. Cyester, Notary Public, personally appeared Yi-Chung Chao, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date 4-4-2001, 2001

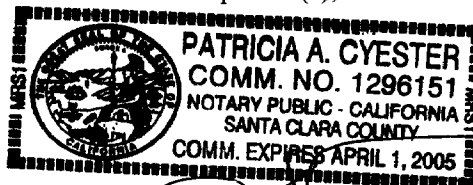
Rusland Adikovich Meshenberg L.S.

State of Cal

County of Santa Clara

On April 4, 2001, before me, Patricia A. Cyester, Notary Public, personally appeared Rusland Adikovich Meshenberg, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date April 4, 2001

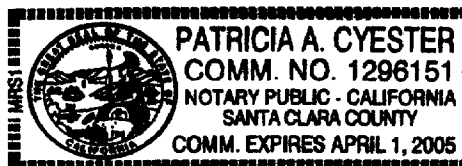
Haiping Jin L.S.

State of Cal

County of Santa Clara

On April 4, 2001, before me, Patricia A. Cyester, Notary Public, personally appeared Haiping Jin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Date 4/4/2001, 2001

Chung Benjamin Yip L.S.

State of Cal

County of Santa Clara

On April 4, 2001, before me, Patricia A. Cyester, Notary Public, personally appeared Chung Benjamin Yip, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



Attorney Docket No.: 010302-0005-999

CA1 - 269812.1

RECORDED: 05/15/2001

REEL: 011825 FRAME: 0440