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Attorney Docket Number 10302-005-999

TO 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): 2. Name and address of receiving party(ies): Robert Rennard, Sean Quan Du, Sami Fawzi Nasser, Yi-Chung Chao, Ruslan Adikovich <u>TeleVigation</u>, Inc. Meshenberg, Haiping Jin, Chung Benjamin Yip Address: 265 Santa Ana Court Additional name(s) of conveying party(ies) attached? □ Yes ⊠ No Sunnyvale, California 94086 3. Nature of conveyance: Country (if other than USA): ■ 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) <u>09/574,556</u> B. Patent No.(s) Additional numbers attached? □ Yes No Name and address of party to whom correspondence 6. Number of applications concerning document should be mailed: and patents involved: ___1_ PENNIE & EDMONDS LLP 7. Total fee (37 CFR 3.41):....\$ _40.00 1155 Avenue of the Americas Please charge to the deposit account listed in New York, NY 10036 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. Friebel 29,258 Name of Person Signing Rcg. No. Total number of pages including cover sheet:

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

> > CA1 - 274715.1 PATENT REEL: 011825 FRAME: 0437

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 Sunnyoaks 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 MÉTHOD 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.

, 2001, before me, (V atticia personally appeared Robert Rennard, personally known to me on the basis of satisfactory evidence to be the person(6) whose name(\$) 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(k) acted, executed the instrument.

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Attorney Docket No.: 010302-0005-999

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