U.S. Department of Commerce Patent and Trademark Office PATENT extents and Trademarks: Please record the attached original document(s) or copy(ies). Execution Date(s) September 12, 2001 September 12, 2001 September 17, 2001 **JAPAN** 100-8310 Address Tokyo State/Country Zip Code City Mark if Additional Names of Receiving Parties Attached **Correspondent Name and Address** Telephone: (202) 737-6770 Jeffrey A. Wyand Facsimile: (202) 737-6776 Leydig, Voit & Mayer, Ltd. Attorney Docket No. 401304 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960 Enter the total number of pages of the attached conveyance document including any attachments: Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). **Patent Numbers Patent Application Numbers** 09/903,744 If this document is being filed together with a new Patent Application, enter the date the patent Month Day Year application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) PCT PCT Enter PCT application number only if a U.S. Application **PCT** Number has not been assigned. PCT PCT PCT Enter the total number of properties involved: 1 **Number of Properties** Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): 40.00 Method of Payment: Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: X Yes No. 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/Charges to deposit account are authorized, as indicated herein. Jeffrey A. Wyand Name of Person Signing

PATENT

REEL: 012205 FRAME: 0825

## PATENT Attorney Docket No. 401304/MELCO

Leydig, Voit & Mayer, Ltd. 700 Thirteenth Street, N.W. Suite 300 Washington, D.C. 20005-3960

## **ASSIGNMENT**

WHEREAS, WE, Shoji YOSHIKAWA, Katsuhiko YAMADA, and Jun TSUKUI, of Tokyo, Japan, respectively, have invented and own a certain invention entitled:

## **GPS RECEIVING SYSTEM**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on September 12, 2000, under U.S. Application No. 09/903,744, and

WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA, of Tokyo, Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, Therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood

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that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date Suprember 12, 2001

Shop Joshikawa
Shoji YOSHIKAWA

Date Community 12, 2001

Katsuhiko YAMADA

Date Suprember 17, 2001

Date Suprember 17, 2001

Date Suprember 17, 2001

Date Suprember 17, 2001

RECORDED: 09/25/2001