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To the Honorable Commissioner of Patents and Trademarks, **101322005**, original documents or copy thereof.

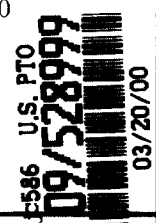
1. Name of conveying parties:
Takeshi TAKAHASHI
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
Internal Address:
Street Address: 1006, Oaza Kadoma, Kadoma-shi,
City: Osaka State: Japan Zip:
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: March 9, 2000

4. Application number(s) or patent number(s): New Patent Application
If this document is being filed together with a new application, the execution date of the application is: March 9, 2000
A. Patent Application No.(s)
09528999

B. Patent No.(s)
Additional numbers attached? Yes No



5. Name and address of party to whom correspondence concerning document should be mailed:
Name: STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
Internal Address: Suite 850/JEL 31044
Street Address: 1615 L Street, N.W.
City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)\$40.00
 Enclosed (Check No. 13093)
 Any deficiencies may be charged to deposit account
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8. Deposit account number: 19-4375
(Attach duplicate copy of this page if paying by deposit account)

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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.

James E. Ledbetter
Name of Person Signing
Registration No. 28,732

Signature

March 20, 2000
Date

Total number of pages including cover sheet, attachments, and document: 2

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Sole Inventor

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Takeshi TAKAHASHI,

a citizen of Japan by MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation organized under the laws of Japan,

located at 1006, Oaza Kadoma, Kadoma-shi, Osaka, Japan,

receipt of which is hereby acknowledged, I, the said Takeshi TAKAHASHI,

do hereby sell and assign to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~their~~ successors and assigns, all my right, title and interest, in and for the United States of America, ~~its~~ in and to "NAVIGATION APPARATUS"

invented by me and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~their~~ Successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Signed this 9th day of March, XX 2000

Takeshi Takahashi
(Takeshi TAKAHASHI)

WITNESS:

Shoichiro Kikuchi

WITNESS:

Katekin Jan