FORM PTO-1595	6-11-1998 J.S. DEPARTMENT OF COMMERCE
1-31-92/-198	Patent and Trademark Office
7217/54892 REC	
To the Honorable Commissioner of Patents and Trademarks.	00735309 / thereof.
1. Name of conveying party(ies):	Name and address of receiving party(ies):
Takashi Takinami	
	Name: Sony Corporation
Additional name(s) of conveying partyles) attaches Yes X No	Internal Address:
3. Nature of Conveyance:	Street Address: 7-35 Kitashinagawa 6-chome
Assignment Merger	Shinagawa-ku, Tokyo, Japan
Assignment — Merger	City State ZIP
Security Agreement Change of Name	City State ZIP
Execution Date: May 15, 1998	Additional name(s) & address(es) attached? Yes X No
Application number(s) or patent number(s):	
real till	n data of the combination in
If this blocument is being filed together with a new application, the execution A. Patent Application No.(s)	B. Patent No.(s)
08/998,901	
Additional numbers atta	iched? Yes X No
5. Name and address of party to whom correspondence	rz
concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Jay H. Maioli	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Cooper & Dunham LLP	7. Total fee (57 CFR 5.41)
	Enclosed
Company of the American	Authorized to be charged to deposit account 8. Deposit account number:
Street Address: 1185 Avenue of the Americas	6. Deposit account number.
	03-3125 (Attach duplicate copy of this page if paying by deposit account)
City: New York State: New York ZIP 10036	(Attach duplicate copy of this page it paying by deposit account)
	ISE THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing in	nformation is true and correct and any attached copy is a true copy
of the original document.	
Lock Spe Yu-Jahnes Reg. No. 38,667 Jode See Yu-Jahnes	May 28, 1998
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20231, and to the office of Management and Budget, Paperwork	Reduction Project. (0651-0011). Washington, D.C. 20503

PATENT REEL: 9222 FRAME: 0723

S97P1157US00 Docket Number 7217/54892

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in MAP DISPLAY APPARATU, MAP DISPLAY METHOD, NAVIGATION APPARATUS AND AUTOMOBILE for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, Japan (hereinafter reference as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereof;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereof;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number 08/998,901 , Filing Date December 29, 1997

This assignment executed on the dates indicated below.

Takashi Takinami	May 15 , 1878
Name of first or sole inventor	Execution date of U.S. Patent Application
Chiba, Japan Residence of first or sole inventor	
Jakashi Takinami	47 15 , 11x8
Signature of first or sole inventor	Date of this assignment

PATENT REEL: 9222 FRAME: 0724