

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

NAVIGATION METHOD/APPARATUS CAPABLE OF REGISTERING DETAILED NAVIGATION
COURSE INFORMATION, AND NAVIGATION PROGRAM

sell and assign to Casio Computer Co., Ltd.

a corporation of Japan

having a business address at 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

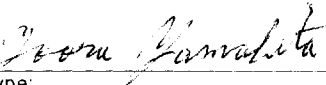

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue – 25th Floor, New York, N.Y. 10017-2023.

INVENTOR: SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: 	Date: June 12, 2003	Address: 16-8-108, Musashinodai 1-chome Fussa-shi, Tokyo Japan
Type: Tooru YAMAKITA	Witness:	
Sign: 	Date: June 12, 2003	Address: 7-53-301, Kobuchi 3-chome Sagamihara-shi, Kanagawa Japan
Type: Toshihiko MIYAMURA	Witness:	
Sign:	Date:	Address:
Type:	Witness:	
Sign:	Date:	Address:
Type:	Witness:	

RECORDING OFFICER: After recording, please return to: FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
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RECORDED: 06/19/2003

**PATENT
REEL: 014204 FRAME: 0162**