

12-13-2000

Atty Docket No.: 200041US2SR

FORM PTO-1595  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101548095

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

NRD 11-21-00

1. Name of conveying party(ies):  
Tamotsu HASEGAWA, Hiroshi SUGIYAMA, and  
Miwako DOI  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: KABUSHIKI KAISHA TOSHIBA  
Address: 72, Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, Japan  
Additional name(s) and address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: November 14, 2000

13862 U.S. PTO  
09/716303  
11/21/00

4. Application number(s) or patent number(s): **09 716 303**  
If this document is being filed together with a new application, the execution date of the application is: **November 14, 2000**

A. Patent Application No.(s)  
Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
**22850**

6. Total applications and patents involved: **1**

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 15-0030  
(Attach duplicate copy of this page if paying by deposit account)

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.*

Marvin J. Spivak  
Name of Person Signing  
Registration Number: 24,913

Signature  
Date: 11/21/00  
Registration Number: 24,913

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

11/24/2000 JERILIN 00000069 09716303  
40.00 DP  
04 FC:581

PATENT

REEL: 011317 FRAME: 0994

# A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## METHOD AND APPARATUS FOR AUTOMATICALLY GENERATING PEDESTRIAN ROUTE GUIDE TEXT AND RECORDING MEDIUM

said application having been filed on \_\_\_\_\_  
and assigned Serial No. \_\_\_\_\_ ;  
sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a corporation of Japan, having a business address at  
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, 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: (check one)

executed concurrently herewith;

executed separately herefrom;

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 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 the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U. S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755  
Jefferson Davis Highway, Arlington, Virginia 22202

ASSIGNMENT

00S0980

Inventor: (Signature)

Date

Residence

*Tamotsu Hasegawa*

NOV. 14. 2000

Tokyo, Japan

Tamotsu Hasegawa

*Hiroshi Sugiyama*

NOV. 14. 2000

Kawasaki-shi, Japan

Hiroshi Sugiyama

*Miwako Doi*

NOV. 14. 2000

Kawasaki-shi, Japan

Miwako Doi

RECORDING OFFICER:

After recording please return to:  
Oblon, Spivak, McClelland,  
Maier & Neustadt, P.C.,

Fourth Floor,  
1755 Jefferson Davis Highway,  
Arlington, Virginia 22202