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Kazuhiro FUKUI and Osamu YAMAGUCHI	Name: KABUSHIKI KAISHA TOSHIBA
5.21~03	Address: 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, Japan 105-8001
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of Conveyance:	
■ Assignment	
☐ Security Agreement ☐ Change of Name	
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Execution Date: March 31, 2003	Additional name(s) and address(es) attached? □Yes ■No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the e	xecution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
10/372,312	
Additional numbers attack	ned? 🔲 Yes 🔳 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
	7. Total fee (37 CFR 3.41): \$40.00
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PATENT REEL: 014091 FRAME: 0342

ASSIGNMENT

In consideration of value received, I, having a mailing address at evo 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:

APPARATUS FOR GENERATING A PATTERN RECOGNITION DICTIONARY, A METHOD THEREOF, A PATTERN RECOGNITION APPARATUS AND A METHOD THEREOF

said application having been filed on February 25, 2003 and assigned Application No. 10/372,312; sell and assign to KABUSHIKI KAISHA TOSHIBA a corporation of Japan, having a business address at 1-1 Shibaura 1-chome, Minato-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: (check one)

- \times 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 invension 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., 1940 Duke Street, Alexandria, Virginia 22314

PATENT REEL: 014091 FRAME: 0343

ASSIGNMENT

Inventor: (Signature)	Date	Residence
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