FORM PTO-1595 1-31-92 6 35	06-17-2005		ATTAL	U.S. Department of C Patent and Trademark Attorney Docket No. 0 Attorney Customer No. BOX ASSIGNMENTS RE	COffice 14329.3568 umber: 22,852
To the Honorable Commissioner of Pat Please record the attached original doc		OH SEE	SERVI		CORDATION
Name of conveying party(ies):     Naoki IMASAKI	103022825	2.		address of receiving part	y(ies):
2) Takashi KOISO 3) Kanako HATTORI 4) Takufumi YOSHIDA		Name:	KABUS	SHIKI KAISHA TOSHIBA	
Additional name(s) of conveying party(ies) attached?  Yes  No		Internal	Address:	1-1, Shibaura 1-chome Tokyo 105-8001, Japar	
3. Nature of conveyance:		Street A	Address:		2 <b>=</b>
Assignment  Merger		City:			U.S. 503
Security Change of Agreement	Name	State:		Zip Code:	3010
Other:		Additio	nal name(s)	& Address(es) attached?	
Execution Date: May 31, 2005			☐ Yes	⊠ No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: May 31, 2005					
A. Patent Application Number(s):		В.	Patent Nu	mber(s):	
Additional r	numbers attached?	Yes	×	] No	
Name and address of party to whom correspondence concerning document should be mailed:		6.	Total num involved: 1	ber of applications and re	gistrations
Name: Mr. Ernest F. Chapman		7.	Total fee (	37 CFR 3.41): \$40	
			Enclo accou	sed (Please charge defici int)	iency to deposit
			Auth	orized to be charged to de	eposit account
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.					
Street Address: 901 New York Avenue, NW					
City: Washington, D.C.					
State: Zip: 2	0001-4413	8.	Deposit A	ccount No.: <u>06-0916</u>	
<ol> <li>Statement and signature.</li> <li>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.</li> </ol>					
	2///	3			
Richard V. Burgujian	fill (V)	Lay		June 13, 2005	·
Reg. No. 25,961	Signa		ERNEST F. (		
	including cover sheet, a		4		

06/14/2005 FFANAEIA 00000079 11150312 (40.00 OP)

In consideration of value received, I, having a residence as stated below above 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:

## TRAIL ANALYSIS METHOD AND APPARATUS

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, 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 United States patent application:

(check one)	[X]	executed concurrently herewith		
		executed on Application No.	; £1. 3	
	LJ	Application No.	, filed	

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

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.

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 901 New York Avenue, NW Washington, D.C. 20001-4413

PATENT REEL: 016685 FRAME: 0836 [1st Inventor]

**RECORDED: 06/13/2005** 

Residence Address: Kamakura shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Naoki Imasaki	May 31, 2005
[2nd Inventor] Residence Address: Kawasaki-shi, Japan Mailing Address: c/o Intellectual Property Division, 7 Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Takashi Koiso Takashi Koiso	May 3/ 2005 Date:
[3rd Inventor] Residence Address: Yokohama-shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	
Kanako Hattori	May 31, 2005
Kanako Hattori  [4th Inventor] Residence Address: Fuchu-shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Date-
Takufumi Yoshida	May 31. 2005
Takufumi Yoshida	Date:

PATENT REEL: 016685 FRAME: 0837