FORM PTO-1595 1-31-92		07-23-2002		U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 04329.2846 Attorney Customer Number: 22,852 ATTN. BOX ASSIGNMENTS		
To the Honorable Commissioner of F Please record the attached original a 102164875						
1.	Name of conveying party(ies): Tohru MAMATA	7/1./	2.	Name and a	address of receiving	g party(ies):
	Toma William Cont	7 (11/0)	Name:	KABUSH	HIKI KAISHA TOSH	IIBA
Addition	nal name(s) of conveying party(ies	s) attached?   Yes   No	Interna	l Address:		
3.	Nature of conveyance:		Street	Address:	1-1 Shibaura 1-cho Minato-ku, Tokyo,	·
$\boxtimes$	Assignment	erger	City:		Williato-Ru, Tokyo,	Ç <b>E</b>
	Security	ange of Name	State:		Zip Code:	151.
	Other:		Additio	nal name(s) &	Address(es) attact	ned?
Execution	on Date: June 26, 2002		_	Yes	⊠ No	1001
4.	Application number(s) or patent the application: June 26, 2002	number(s): If this document is b	eing filed	together with	a new application,	the execution date of
A.	Patent Application Number(s):		В.	Patent Num	ber(s):	
	Ad	lditional numbers attached?	│ ☐ Yes	1	No 10/1	9215/
5.	Name and address of party to whom correspondence concerning document should be mailed:			Total number of applications and registrations involved:		
Name:	Mr. Richard V. Burgujian		7.	Total fee (37	7 CFR 3.41): \$40	
/2002 BL				Enclose account		deficiency to deposit
:581	40.00 DP			Authori	ized to be charged	to deposit account
Internal Street A	& DUNNER, L.L.P.	RSON, FARABOW, GARRETT	_			
City:	Washington, D.C.					
State:	Zip:	20005-3315	8.	Deposit Acc	ount No.: <u>06-0916</u>	
9.	Statement and signature.		.1			
	pest of my knowledge and belief, t	he foregoing information is true	and corre	ct and any att	ached copy is a tru	e copy of the origina
To the b docume	III.					
To the b docume	nt.	2 MSo			July 11, 200	2

PATENT REEL: 13100 FRAME: 0545

## ASSIGNMENT

In consideration of value received, I, having a mailing address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minatoku, 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:

## KEY INPUT DEVICE HAVING BRAILLE INPUT FUNCTION

said application having been filed on and assigned Application No.; 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)

× 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.

Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P., 1300 I Street, N. W., Washington, D. C., 20005-3315

PATENT .... REEL: 13100 FRAME: 0546

Inventor:	(Signature)	Date	Residence
<b>~</b> √ 0		4	
John	manata	June 26,2002	Akiruno-shi, Japan
Tohru Mama	ta		

RECORDING OFFICER:

After recording please return to:
Finnegan, Henderson, Farabow,
Garrett & Dunner, L. L. P.

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**RECORDED: 07/11/2002** 

**PATENT REEL: 13100 FRAME: 0547**