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FORM PTO-1594 1-31-92 F

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U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 04329.2511 Customer No.: 22,852

To the Honorable Commissioner of Patents and Trademarks:  Please record the attached original documents or copy thereof.  ATTN. BOX ASSIGNMENTS  O								
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1) Ryo HOSOYA						7917		
					Name: Kabush	niki Kaisha Toshiba		
Additional name of conveying party attached? □ Yes ⊠ No					Internal Address:	)		
3. Nature of conveyance:					Street Address:	72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan		
ı					City:			
<b>8</b>		Assignment	0	Merger	State:	Zip Code:		
o		Security Agreement	0	Change of Name				
					03/01/2001 SMINAS	SS1 00000029 09791786		
		Other			03 FC:581	40.00 OP		
0					Additional name & /	Address attached?		
Execution	Date:	February 14,	2001	□ Yes ⊠ No				
4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: February 14, 2001								
A. Patent Application Number:					B. Patent Number:			
Additional numbers attached? □ Yes ৷ No								
Name and address of party to whom correspondence concerning document should be mailed:					6. Total num	ber of applications and registrations involved:		
Name:	Mr. Er	nest F. Chapman	1		7. Total fee (	37 CFR 3.41): \$40		
Internal A	FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.				Enclosed (Please o	harge deficiency to deposit account)		
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Street Ad	ldress:	1300   Street	, N.W.					
City:		Washington			8. Deposit ac	count number: 06-0916		
State:		DC	Zip: 200	005-3315				
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.								
	•	Richard V. Bui	rgujian	PMG		February 26, 2001		
	•	Registration N	lo. 31,744	Sign	ature	Date		
Total number of pages including cover sheet, attachments and documents: 3								

PATENT REEL: 011563 FRAME: 0052

## 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, 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: KEYBOARD UNIT HAVING POP-UP KEY-TOPS AND ELECTRONIC APPARATUS INCORPORATING THE KEYBOARD UNIT

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 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 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: 011563 FRAME: 0053

## ASSIGNMENT

Inventor: (Signature)	Date	Residence
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Kyo Joseyu	rebruary (T,	Fussa-shi, Japan
Ryo Hosova		
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After recording please return to: Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.

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