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**PATENT** REEL: 014081 FRAME: 0970

## **ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Funai Electric Co., Ltd. 7-1, Nakagaito 7-chome Daito-shi, Osaka 574-0013

Japan	
(hereinafter ASSI territories and po	GNEE) all right, title and interest for the United States, its ossessions in and to his invention relating to:
INPUT DEVICE	NPUT DEVICE, REMOTE CONTROL EQUIPPED WITH PUSHBUTTON, AND METHOD OF MANUFACTURING PUSHBUTTON UNIT USED ON INPUT DEVICE
<u>X</u> execu	is United States Patent Application (check one): ted concurrently herewith, ted on, l No, filed,
continuations the which may issue o reissues or extens legal representat and all such Lette	nited States Patent Application including any and all divisions or reof and in and to any and all Letters Patent of the United States n any such application or for said invention, including any and all sions thereof, to be held and enjoyed by said ASSIGNEE, its successors, ives and assigns to the full end of the term or terms for which any ers patent may be granted as fully and entirely as would have been held e undersigned had this Assignment not been made;
Each of the unders Trademarks to iss or assigns in acc	signed hereby authorizes and requests the Commissioner of Patents and ue any and all such Letters patent to said ASSIGNEE, its successors ordance herewith;
right to sell and	signed warrants and covenants that he has the full and unencumbered d assign the interests herein sold and assigned and that he has not not execute any document or instrument in conflict herewith;
ASSIGNEE, its succeedating to said any papers, make other lawful acts representatives or including division may be granted the its successors.	rsigned further covenants and agrees he will communicate to said cessors, legal representatives or assigns all information known to him invention or patent application and that he will execute and deliver all rightful oaths, testify in any legal proceedings and perform all deemed necessary or desirable by said ASSIGNEE, its successors, legal or assigns to perfect title to said invention, to said application and continuations thereof and to any and all Letters Patent which erefor or thereon, including reissues or extensions, in said ASSIGNEE, or assigns or to assist said ASSIGNEE, its successors, legal rassigns in obtaining, reissuing or enforcing Letters Patent of the said invention;
partner thereof, t may be necessary	rsigned hereby grants the firm of <b>CROWELL &amp; MORING, L.L.P.</b> , or any the power to insert in this Assignment any further identification which or desirable to comply with the rules of the U.S. Patent and Trademark ation of this Assignment.
INVENTOR:	Osamu MAEDA
Citizenship:	Japanese
Post Office Address/	c/o Funai Electri Co., Ltd.
Residence:	7-1, Nakazaito 7-chome,/Daito-shi, Osaka 574-0013, Japan
20/02/2003	$\mathcal{A}$
(date)	(signature of 1st inventor)
TATTENITOD.	
INVENTOR: Citizenship:	
Post Office Address/	

(signature of 2nd inventor) (date)

**RECORDED: 05/19/2003** 

Residence:

**PATENT** REEL: 014081 FRAME: 0971