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To the Honorable (1021451		ched original of	documents or copy thereof.	
Name of Conv	/eying Party(ies):	1021401	1		eiving party(ies)	
Atsushi SUZ Toshinori OE		OIPA	Name:		SEIZO KABUSHIKI	
Norihiko MA	Norihiko MATSUSHITA				R MFG. CO., LTD	
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Additional name(s) of conveying party(ies) Yes No		ettached?		2) 3-16 Higas Tokushima-s 0905 JAPAN	hidaiku-machi, hi, Tokushima 770-	
3. Nature of Conv			Additional name(s) attached?	
			│ □ Yes	⊠ No /		
Other:	☐ Security Agreement☐ Other:☐ Execution Date:December 28, 2001			19/03/588		
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PATENT REEL: 013044 FRAME: 0589

ASSIGNMENT

FOR ONE DOLLAR (\$1.00) and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I (We), Atsushi SUZUKI, Toshinori OBA, Norihiko MATSUSHITA Katsumi SUZUKI, Takeo JO and Katsumi OSAKA

being the inventor(s) of certain improvements in

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- hereby assign unto (1) Toyo Roki Seizo Kabushiki Kaisha
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having a principal place of business at

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- (2) 3-16 Higashidaiku-machi, Tokushima-shi, Tokushima 770-0905 Japan

our entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by the said assignee for its own use and behoof and for the use and behoof of its successors and assigns, to the full end of the term from which said Letters patent or other rights of protection may be granted, as fully and as entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

WE COVENANT, AGREE AND WARRANT that we have a full and unencumbered title to the invention hereby assigned, and we further covenant and agree that we will, at any time upon request, without further compensation, execute and deliver any and all papers or instruments that in the opinion of the assignee may be necessary or desirable to secure said assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed.

IN WITNESS WHEREOF, we have hereunto set out hand and seal this 28th day of December , 2001 .

RECORDED: 01/23/2002	REEL: 013044 FRAME: 0590
TAKED JU	PATENT
	KATSUMI OSAKA
Date: December 28, 2001	Date: December 28, 2001
NO RIHIKO MATSUSHITA	KATSUMI SVZUKI
Date: December 28, 2001	
	Date: December 28, 2001
ASTUSHI SUZUKI	70.012100112
Date: December 28, 2001	Date: <u>December 28, 2001</u> TOSHINORI OBA
seal this Zour day or	