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SHIRAISHI		o <b>=</b>	
	Address: 5-33, Kitahama 4-chome		
Additional name(s) of conveying party(ies) attached? Ye	es Chuo-ku, Osaka-shi	. 6	
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Other			
Execution Date: July 13, 1999			
Encounted Butt. Vary 13, 1999	Additional name(s) & address(es) att	ached? Yes	
4. Application number(s) or patent number(s):	()		
If the document is being filed together with a new application	ation, the execution date of the application is	: July 13, 1999	
A. Patent Application No(s).		B. Patent No(s).	
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(0200 a)			
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CMD 110. 0031-0011 (CAP. 4/34)		Name of the last o	

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Docket No.:	
Booker No.:	ASSIGNMENT
In consideration of the premises and other hereby acknowledged, the undersigned,	er good and valuable consideration in hand paid, the receipt and sufficiency of which i
(1) Tomohiro FUKAYA (2) Satoru KUKINO (3) Junichi SHIRAISHI (4)	(5) (6) (7)
who have made a certain new and useful invention,	
Sumitomo Electric Industries, Ltd. of 5-33, Kitaham	na 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan
its successors and assigns (hereinafter designated defined in 35 U.S.C. 100 in the invention entitled	"ASSIGNEE") the entire right, title and interest for the United States of America a
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(a) for which an application for United States No; or	Letters Patent was filed on, and identified by United States Serial
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continuations-in-part thereof, and the right to all be said ASSIGNEE, for its interest as ASSIGNEE, its record in said application shall hereafter act on beha AND the undersigned hereby agree to trar obtaining original, divisional, reissued or extended assigns and legal representatives, and without furth growing out of or related to the said invention; a representatives, deemed essential to ASSIGNEE's for	nsfer a like interest, and to render all necessary assistance in making application for and Letters Patent of the United States, upon request of the said ASSIGNEE, its successors ner remuneration, in an to any improvements, and applications for patent based thereon and to execute any papers by the said ASSIGNEE, its successors, assigns and legal cull protection and title in and to the invention hereby transferred.
SIGNED on the dated indicated aside our signatures	
INVENTORS	DATE SIGNED
1) Tomohiro Fukaya Name: Tomohiro FUKAYA	Jaly, 13. 1999
2) Satoru Kukino Name: Satoru KUKINO	July, 13, 1999
3) Junich Stiraish	July 13. 1988
Name: Junichi SHIRAISHI 4)	
Name: 5)	
Name: 6)	
Name:	
Name:	

PATENT REEL: 010124 FRAME: 0434