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Attorney	Docket
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United States Patent Rights, or United States Plus All Foreign Patent Rights

ATTORNEY	DOCKET	NO.	

ASSIGNMENT

		Application No.	Filed
insert Name(s) of Inventor(s)	=	WHEREAS, Mihoko AKIYAMA and Fukashi MO	RISHITA
M Mivemor(s)			·
		(hereinafter designated as the undersigned) has (have) invented certain new and us	eful improvements in
nsert Title of Invention	→	SEMICONDUCTOR DEVICE HAVING STANDBY MODE AN	ND ACTIVE MODE
		for which an application for Letters Patent of the United States of America has been (except in the case of a provisional application).	executed by the undersigned
nsert Date of Signing of application	_	onSeptember 25, 2002	; and
nsert Name	-	WHEREAS, (1) Mitsubishi Denki Kabushiki Kaisha	
of Assignee	→	WHEREAS, (1)	
		(2) MITSUBISHI ELECTRIC ENGINEERING COMPAN	Y LIMITED
nsert Address			
f Assignee	-	of(1)2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-83	10 JAPAN
		(2) 2-6-2, OHTEMACHI, CHIYODA-KU, TOKYO 100-0004 JAPA	N
HECK BOX	⇒	its heirs, successors, legal representatives and assigns (hereinafter designated as acquiring the entire right, title and interest in and to said invention and in and t may be granted therefor in the United States of America and in any and all foreign countries.	
		NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) paid, the receipt of which is hereby acknowledged, and other good and valuable con has (have) sold, assigned and transferred, and by these presents does sell, ass Assignee the full and exclusive right to the said invention in the United States dependencies and possessions and the entire right, title and interest in and to a which may be granted therefor in the United States of America, its territories, depand if the box above is designated, in any and all foreign countries;	nsideration, the undersigned sign and transfer unto said s of America, its territories, any and all Letters Patent(s)
		and to any and all divisions, reissues, continuations, conversions and extensions	thereof for the full term or

terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Leydig, Voit & Mayer 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	September 25, 2002	Name of Inventor_	Mihoko Akiyama Mihoko AKIYAMA
Date	September 25, 2002		Fukashi Morishita Fukashi MORISHITA
Date		Name of Inventor_	
Date	•	Name of Inventor_	
Date		Name of Inventor_	
Date		Name of Inventor_	
Date		Name of Inventor_	
Date		Name of Inventor_	
Date		Name of Inventor_	

RECORDED: 02/28/2003