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TO: The Commis	nionar of Datasta and	. Toologo	<u>y</u>		PA	TENT		
Submission Typ  New	n (Non-Recordation)	8/0/	Conveya	<b>nce Type</b> nment se	inal document(	s) or copy(ies).		
Correction of Reel # Corrective Do	Frame #		│ □ Secur	ity Agreement ge of Name		002 U.S. 19/9863		
Conveying Party 1. Hiroshi ITO 2. Akihiko IWAT 3. Akihiro SUZU 4. 5. 6.	<b>(ies)</b> A Ki			Oc Oc	ecution Date(s tober 29, 2001 tober 29, 2001 tober 29, 2001	s) ————————————————————————————————————		
Receiving Party Name Name Address Address Address	Mitsubishi Denki Kal 2-3, Marunouchi 2-ci Tokyo City	oushiki Kaisha home, Chiyoda-ku <u>JAPAN</u> State/Cou	09/ ntry	100	326 0-8310 Code			
Mark if Additional Names of Receiving Parties Attached Correspondent Name and Address  Jeffrey A. Wyand Leydig, Voit & Mayer, Ltd. 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960				Telephone: (202) 737-6770 Facsimile: (202) 737-6776 Attorney Docket No. 401453				
Pages Enter the total number of pages of the attached conveyance document including any attachments: 2  Application Number(s) or Patent Number(s)						umbers attached		
	ent Application Num		7,10, 2,1,2		ent Numbers	<i>01197.</i>		
application was si	being filed together			nter the date th	ne patent	Month Day Year October 29, 2001		
Patent Cooperati Enter PCT applica Number has not b	tion number only if a	U.S. Application	PCT	PCT		PCT		
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Number of Prope	rties		E	nter the total n	umber of prope	erties involved: 1		
Fee Amount  Fee Amount for Properties Listed (37 CFR 3.41): 40.00  Method of Payment:  ☐ Enclosed is a check in the amount of \$780.00  ☐ Charge Deposit Account No. 12-1216  Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☐ Yes ☐ No								
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. Charges to deposit account are authorized, as indicated herein.								
Jeffrey A. Wyand Name of Person Signing  Name of Person Signing  Name of Person Signing  Name of Person Signing						8,20,		
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**PATENT** 

REEL: 012307 FRAME: 0762

## **ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Hiroshi Ito, Akihiko Iwata and Akihiro Suzuki

- of c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
- hereby sells, assigns and transfers to MITSUBISHI DENKI KABUSHIKI KAISHA
- of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled:

A SEMICONDUCTOR SWITCHING DEVICE

whic	ch was	execute	ed by	the un	ders	igne	ed or	า		
<u> </u>	ctober 2	9			001	or	was	filed c	n	
							and	accorde	ed Se	rial
No.			(here:	inafter	cal	led	the	Applica	tion	1);

- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (V) all benefits under the International Convention for the Protection of Industrial Property.

The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

PATENT REEL: 012307 FRAME: 0763

ings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.					
Signed at Tokyo, Japan					
this 29th day of October	_, 2001 .				
WITNESS(ES):	INVENTOR(S):				
Hiroshi Nakatake	Hiroshi Ito				
Hiroshi Nakatake	Akihiko Iwata				
Hiroshi Nakatake	Alkihiro Suzuki				

**RECORDED: 11/08/2001** 

Further, it is agreed that, when requested, without charge

to but at the expense of said Assignee, the undersigned will

execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writ-

PATENT REEL: 012307 FRAME: 0764