1100	2. 21.00	ECO		Patent and 1	ent of Commerce rademark Office TENT
TO: The Commis	ssioner of Patents and	Trademains, meas	C ICCOIN THE ALLACHEU	unginal document(s) or copy(ies).
Submission Typ			Conveyance Type		
⊠ New					0
Resubmission (Non-Recordation)			License		<u> </u>
	Document ID #				
			│	ment	s 🚅 💮
	Correction of PTO Error			ie	± € €
	Reel # Frame #			i C	2
Corrective Document Reel # Frame #			Other:		000 m
Reel #				Evenution Date/	
	Conveying Party(ies)			Execution Date(
1. Hiroyuki Tsu				February 18, 200	
2. Takashi Hira	ll .			February 18, 200	U
3.					
4.					
5.			_	/ - -	
6.			\sim	532010)
	ional Names of Conve	ying Parties Attache	ed O	<u> </u>	
Receiving Party			•		
Name	Mitsubishi Denki Kat	oushiki Kaisha			
Name					
Address	2-3, Marunouchi 2-cl	nome, Chiyoda-ku			
Address					
Address	<u>Tokyo</u>	<u>JAPAN</u>		<u>100-8310</u>	
	City	State/Cou	•	Zip Code	
	ional Names of Receive	ing Parties Attache	d		
Correspondent	Name and Address				
					ĺ
Jeffrey A. Wyand			Telephone: (202) 737-6770		
Leydig, Voit & M			Facsimile: (202) 737-6776		
700 Thirteenth S	700 Thirteenth St., N.W. Suite 300			Attorney Docket N	No. 400582/TSINTL
Washington, D.C.	20005-3960			,	
	r the total number of p		d conveyance docum	ent including any at	tachments: 2
Application Nur	nber(s) or Patent Nui	mber(s)	L	Mark if additional r	umbers attached
			O NOT ENTER BOTH numbers for the same property).		
Pa	tent Application Num	bers		Patent Numbers	
If this document	is being filed together	with a <i>new</i> Patent A	opplication, enter the o	late the patent	Month Day Year
30/2000 - PSTANDOG - O	1000004 109582010ret-pam	ed executing invent	or		2/18/2000
Patent Coppera	tion Treaty (PG)00				
Enter PCT applie	cation number only if a	U.S. Application	PCT	PCT	PCT
Number has not	been assigned				
Number has not	been assigned.		PCT	PCT	PCT
					1
1			Enter the to	otal number of prop	erties involved: 1
Number of Froperties					
Fee Amount	Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00				
i i					
Method of Payment:					
☐ Enclosed is a check in the amount of \$730.00					
☐ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☐ Yes ☐ No					
Authorization to Charge Additional rees to Deposit Account No. 12-12-10. 23 1-05 L. 110					
Statement and Signature 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.					
	1	1 tolohant	TILL	Much 21	, 2000
Jeffrey A. Wyan	d '	1 Lychan 1	1 to many	10000	,

Ī

PATENT REEL: 010642 FRAME: 0295

ASSIGNMENT

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

	Hiroyuki Tsutada and Takashi Hirai					
of	c/o Mitsubishi Denki Kabushiki Kaisha 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN					
celle	assigns, and transfers to					
SCIIS,	MITSUBISHI DENKI KABUSHIKI KAISHA					
of	2-3 MARUŅOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 JAPAN					
(the Astitle,	ssignee), its successors and assigns, the entire right, and interest in and to:					
(i)	the application for United States Letters Patent entitled: CONTROLLED SWITCHING DEVICE					
	which was executed by the undersigned on February 18 2000 or was filed on and accorded Serial No (the Application);					
(ii)	any and all inventions and improvements that are described in the Application;					
(iii)	any and all United States Letters Patents that may be granted on the Application (the Patent);					
(iv)	any and all divisions, continuations, reexaminations, reissues, or extensions of the Application or the Patent; and					
(v)	all benefits under the International Convention for the Protection of Industrial Property.					
I instru	authorize the Assignee and its agents to insert in this ment the filing date and serial number of the Application.					

PATENT REEL: 010642 FRAME: 0296 I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

Signed at <u>JAPAN</u>	
this <u>18</u> thday of <u>February</u>	, 2 <u>000</u> .
WITNESS(ES):	INVENTOR(S):
	Hiroyuki Tsutada
	Hiroyuki Tsutada
	lakashi Alivai
	Takashi Hirai

RECORDED: 03/21/2000

PATENT REEL: 010642 FRAME: 0297