02-27-2004

Atty Docket No.:

04 FC:8021

40.00 OP

249115US2/dlb

FORM PTO-1595 2-19 04



102679519

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States Patent and Trademark Office.	Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Kazuhiro SHIMIZU	Name: MITSUBISHI DENKI KABUSHIKI KAISHA				
	Address: 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYC				
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ N					
3. Nature of Conveyance:	7.8.8 37.38.8				
■ Assignment □ Merger	78				
☐ Security Agreement☐ Change of Name☐ Other	17548 10/				
Execution Date: February 5, 2004	Additional name(s) and address(es) attached? ☐ Yes ■ No				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new application, the	execution date of the application is: February 5, 2004				
A. Patent Application No.(s)	B. Patent No.(s)				
101780725					
Additional numbers attac	hed? 🗆 Yes 🔳 No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1				
Customer Number	7. Total fee (37 CFR 3.41): \$40.00				
22850	Enclosed				
Tel. (703) 413-3000	Authorized to be charged to deposit account				
Fax. (703) 413-2220	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE 1	THIS SPACE				
9. Statement and signature					
To the best of my knowledge and belief, the foregoing information copy of the original document.	on is true and correct and any attached copy is a true				
Marvin J. Spivak	rmW Kolland 2/19/04				
Name of Person Signing Sig	nature Date				
	4,913 C. Irvin McClelland Registration Number 21,124				
Total number of pages includi					
					
Do not detach	this portion				
Mail documents to be recorded with required cover sheet informati	ion to:				
Director of the United States P Mail Stop Assignment I Alexandria, Vii	Recordation Services				

PATENT REEL: 015010 FRAME: 0526

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)		Kazuhiro	SHIMIZU	of				
INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:	c/o MITSUBISHI	DENKI	KABUSHIKI	KAISHA,	2-3,	Marunouchi	2-chome,	Chiyoda-ku	۱,
	TOKYO 100-8310								
						·			
				·			_ , , , , , , , , , , , , , , , , , , ,		
									
								 	
								<u> </u>	
			 						
									
									
				· · · · · · · · · · · · · · · · · · ·					
									
INSERT TITLE OF INVENTION:									Лy,
	have invented certain new	w and us	eful improvem	ents in: <u>H</u>	IGH V	OLTAGE INTEC	FRATED CI	RCUIT	
INSERT DATE IN-									
VENTORS SIGNED DECLARATION:	for which an application	for Lette	ers Patent was e	executed on	F	ebruary 5,	2004	 	
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	(Application No.			, filed	ł),	and
	WHEREAS,								
	(hereinafter referred to as	s "ASSIC	GNEE") having	g a place of b	usiness	at:			
	2-3, Marunouch	i 2-ch	nome, Chiy	oda-ku, :	IOKYO	100-8310 J	APAN		
	is desirous of acquiring t							Letters Patent t	hat

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

PATENT REEL: 015010 FRAME: 0527 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	February 5, 2004	Kazulure Shimizu (Signature of Inventor) Kazuhiro SHIMIZU
		(Signature of Inventor) Kazuhiro SHIMIZU
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		(Signature of Inventor)
		(Signature of Inventor)
Date:		(Signature of Inventor)
		(o.g.maa o. m. o.no.)
Date:		(Signature of Inventor)
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

PATENT
RECORDED: 02/19/2004 REEL: 015010 FRAME: 0528