Atty Docket No.:

266772US2/abd

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 06-04

To the Director of the United States Patent and T	22957811 Respectors the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Hiroyasu IWABUKI and Akihiko IWATA	Name: MITSUBISHI DENKI KABUSHIKI KAISHA
	Address: 2-3, Marunouchi 2-chome, Chiyoda-ku
Additional name(s) of conveying party(ies) attached? ☐ Yes	Tokyo 100-8310 Japan No Address: 2-3, Marunouchi 2-chome, Chiyoda-ku Tokyo 100-8310 Japan
3. Nature of Conveyance:	
■ Assignment □ Merger	11/1
☐ Security Agreement ☐ Change of Name	÷ ' !
☐ Other	
Execution Date: February 15, 2005	Additional name(s) and address(es) attached? ☐ Yes ■ No
4. Application number(s) or patent number(s):	
This document is being filed together with a new applicat	tion
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers	attached? ☐ Yes ■ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
concerning document should be maned:	
Customer Number	7. Total fee (37 CFR 3.41): \$40.00
22850	■ Enclosed □ Authorized to be charged to deposit account
Tel. (703) 413-3000	8. Deposit account number: 15-0030
Fax. (703) 413-2220	(Attach duplicate copy of this page if paying by deposit account)
DO NOT U	ISE THIS SPACE
9. Statement and signature	
To the best of my knowledge and belief, the foregoing information copy of the original document.	mation is true and correct and any attached copy is a true
	Chamer 1 1 2 22 5
Marvin J. Spivak Name of Person Signing	Signature 2-28-05 Date
C. Ir	vin McClelland
Registration Number: 24,913 Registrat	tion Number 21,124
Total number of pages inc	cluding this cover sheet: 3
Do not de	tach this portion
Mail documents to be recorded with required cover sheet infor	rmation to:
	es Patent and Trademark Office
	ent Recordation Services , Virginia. 22313
4 FC:8021 40.00 QP	
10.00 OP	
1	

Assignment of Application

ES T	WHEREAS, I (WE) <u>Hiroyasu IWABUKI and Akihiko IWATA, c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-</u>
NCE DRS: -	3, Marunouchi, 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
JK6;	
-	
-	
-	
-	
_	
	, respectively,
	have invented certain new and useful improvements in: REDUNDANCY CIRCUIT FOR SERIES-CONNECTED
	DIODEC
	DIODES
	(Application No, filed), and
	WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 2-3, Marunouchi, 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN 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.

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 15, 2005	Hiroyasu Iwabaki (Signature of Inventor)
Date: _	February 15. 2005	Akihika Iwata (Signature of Inventor)
Date: _		(Signature of Inventor)
Date:		(Signature of Inventor)
Date:		(Signature of Inventor)
Date:		(Signature of Inventor)

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

06/04

RECORDED: 02/28/2005

PATENT REEL: 016342 FRAME: 0076