Atty Docket No.:

FORM PTO-1595 1-31-92 199791US2/tph

11/20/2



U.S. DEPARTMENT OF COMN ERG (
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

	3 1
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Naoki YOSHIMATSU and Takanobu YOSHID/	Name: Mitsubishi Denki Kabushiki Kaisha
Additional name(s) of conveying party(ies) attacled? □Yes ■No 3. Nature of Conveyance:	Address: 2-3, Marunouchi 2-chome, Chiyoda-ku TOKYO 100-8310 JAPAN
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	38
Execution Date: November 2, 2000	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 nev application, the	execution date of the application is: November 2, 2000
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers atta	l sched? □Yes ■No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved:
	7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account
	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
22850 DO NO	OT USE THIS SPACE
9. Statement and signature	
To the best of my knowledge and belief, the foregoing information of the original document.	on is true and correct and any attached copy is a true copy
Marvin J. Spivak	mm Willam 11/20/00
Name of Person Signing S	Signature Date
Registration Number: 24,913 Reg 4 2,000	27 (清明) Common Age (1997) Age
Total number of pages including this c	t Billians 21,124 cover sheet: 3
Do not satural the	in montion

Do not ∈ etach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

t1/22/2000 SSITHIB1 00000009 09714961

)1 FC:581

40.00 DF

PATENT REEL: 011318 FRAME: 0676

Assignment Of Application

	WHEREAS, I (WE) Naoki Yoshimatsu and Takanobu Yoshida
	both of: c/o FUKURYO SEMI-CON ENGINEERING CORPORATION
SERT NAMES ID RESIDENCE DRESSES OF E INVENTORS:	1-1, Imajuku-higashi 1-chome, Nishi-ku,
e neveriors.	Fukuoka-sni, FUKUOKA 819-0161 JAPAN
	, respectively,
SERT TITLE	have invented certain new and useful improvements in:
	SEMICONDUCTOR DEVICE FOR ELECTRIC POWER
SERT DATE IN- NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed onNovember 2, 2000
	(Application No, filed), and
SERT NAME D ADDRESS OF MPANY OR HER ASSIGNEE:	WHEREAS, Mitsubishi Denki Kabushiki Kaisha
	(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.

1/95

PATENT REEL: 011318 FRAME: 0677

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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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: November, 2, 2000	Marki Yoshimatsu (Signature of Inventor) Naoki Yoshimatsu
Date: Moremen 2 2007	Signature of Inventor) Takanobu Yoshida
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY **ARLINGTON, VIRGINIA 22202**

1/95

PATENT REEL: 011318 FRAME: 0678

RECORDED: 11/20/2000