FORM PTO-1595 (Modified) 1-31-92	07-28-200 10141615		'er sheet )NLY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No.: 8861-384US (P22158-01)
To the Assistant Commissioner of Patents and T	Trademarks: Please recon	rd the attach	ed original documents or	copy thereof.
<ol> <li>Name of conveying party(ies):</li> <li>Koji YOSHIDA</li> <li>7 -</li> </ol>	Matsu 2. W 1006,		and address of receiving party(ies): Ishita Electric Industrial Co., Ltd. Oaza-Kadoma, Kadoma-shi, 571-8501 N	
<ul> <li>3. Nature of conveyance:</li> <li>[X] Assignment <ul> <li>[] Merger</li> <li>[] Security Agreement</li> <li>[] Other:</li> </ul> </li> <li>Execution Date: March 13, 2000</li> </ul>	ame			
4. Application number(s) or patent number				
If this document is being filed together with	. ,	e executio	n date of the applicatio	on is:
A. Patent Application No.(s): 09/528,933		B. Patent	No.(s):	
	Additional numbers	attached?[	] Yes [X ] No	
<ol> <li>Name and address of party to whom co document should be mailed:</li> <li>Leslie L. Kasten, Jr.</li> <li>AKIN, GUMP, STRAUSS, HAUER &amp; Fl One Commerce Square - 2005 Market Street Philadelphia, PA 19103 Telephone: (215) 965-1200</li> <li>Direct Dial: (215) 965-1290</li> <li>Facsimile: (215) 965-1210</li> <li>E-Mail: Ikasten@akingump.com</li> </ol>	ELD, L.L.P. et - Suite 2200	<ol> <li>Total</li> <li>[X] Cl</li> <li>[] Au</li> <li>8. Depos</li> </ol>		-1017
	DO NOT U	ISE THIS	SPACE	
9. Statement and signature To the best of my knowledge and belief, the fore Leslie L. Kasten, Jr. Name of Person Signing		e and correct	et and any attached copy the second s	is a true copy of the original document. $\frac{b}{Date} / \frac{29}{00}$ Date cover sheet, attachments and document: [3]
OMB No 0651-0011 (exp. 4/94)	/			
/27/2000 NTHAI1 00000227 09528933 1 FC:581 40.00 OP				

PATENT REEL: 010943 FRAME: 0946

## ASSIGNMENT 設渡証 下記名称の新規でかつ有用性ある改良が後 WHEREAS, new and useful improvements have been 記の署名者によってなされ、 made by the undersigned in Switching power supply apparatus (発明の名称) それらの改良について米国特許商標庁への特 and are the subject of a patent application prepared for 許出願書が作成され、後記署名者による署名 filing in the United States Patent and Trademark Office, の横の該当する個所に記載された日付で宣言 and executed by the undersigned on the dates indicated 書が作成された。その特許出願は、下記の番 below in the appropriate spaces under the signatures of 号により識別されるものである。 the undersigned, which application is further identified as: 外国での先行する出願 PRIOR FOREIGN APPLICATION (s) (Number) (番号) (Country)(国名) (Day/Month/Year Filed) (出版年月日) Pat. Hei 11-081129 Japan 25 March, 1999 WHEREAS, Matsushita Electric 日本国 Industrial Co., Ltd., a corporation of Japan of 1006, Oaza-Kadoma, \_\_\_\_\_の法人 Kadoma-shi, Osaka-fu, 571-8501 である Japan hereinafter referred to as "assignee", is desirous of (本譲渡証中、以下「譲受人」と称する)は、 acquiring all right, title, and interest throughout the 上記改良、発明及びそれらについての特許権 world in, to, and under said improvements and に関する全世界的な権利、権原及び利益を取 inventions and patent rights therefor. 得することを希望する。 NOW, THEREFORE, be it known that, for valuable 上記改良及び発明、並びにそれらについて

の特許、特許出願、特許権、及び発明者証に 対する、米国および全世界における全ての権 利、権原および利益、すなわち米国特許出願、 分割および継続出願のすべて、それらに対し て交付される特許のすべて、再特許および特 許権延長のすべて、それらについて過去なさ れた特許侵害につき訴訟する権利のすべて、 米国以外の国、または他の官庁、団体又は機 構により交付される上記改良、発明に関する 特許、および特許出願のすべてにも関して、 NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past

## PATENT REEL: 010943 FRAME: 0947

それらに限定されないもの、を、ここに受領 および充分なことを確認する対価と引き換え に、譲受人、その継承者および譲受人に対し、 ここに譲渡し引き渡しを行う;また、署名者 及びその遺言執行人、遺産管理人、および法 律上の代理人に代わり署名者は、本譲渡証で 包含される改良、発明、権利、所有権、特許 出願、特許、特許権その他の権利および財産 を譲受人、その継承者および譲受人のために 確保するために必要または適当である場合、 **譲受人の要請により、出願書、宣誓供述書、** 譲渡証、その他のいかなる証書でも作成され、 署名がされ、引き渡されることに合意する; また、上記のいかなる特許出願に対しても、 米国特許を交付する際は、そのような特許に 関するすべての権利、権原および利益を有す る譲受人に対して行うよう、ここに米国特許 商標局長官に要請し許可を与え、諸外国の管 轄官庁に対しても、上記のいかなる特許出願 に対しても特許証交付の際は、そのような特 許に関するすべての権利、所有権を有する譲 受人に対して行うよう、ここに認める。

本契約書の署名者は、同日付で作成された 特許出願宜誓書兼委任状にて委任をした代理 人に対し、本譲渡証を登録するにあたり、米 国特許商標局の法規に従うために必要または 適当などんな確認用の表示をも挿入する権限 をここに与える。

上記の事項を確認の上本譲渡証は、下記の 署名者によりここに署名され作成された。 infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other entity, or organization, and all authority, applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment; and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the patent attorneys whom I appoint as my attorneys to prosecute the patent application in the Declaration and Power of Attorney For Patent Application executed on the even date the power to insert on this assignment any further identification 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

- 2 -

## PATENT REEL: 010943 FRAME: 0948

唯一または第一発明者名		Full name of sole or first inventor Koji YOSHIDA			
発明者の署名	日付	Inventor's signature	Date		
		Koji Yoshida	Mar 13,2000		
住所		Residence			
		Ikoma City, Japar	า		
国権		Citizenship			
		Japanese			
郵便の宛先			Post Office Address 1155-8, Minamitawara-cho, Ikoma City, 630-0135 Japan		

第二共同発明者		Full name of second joint inventor, if any	
第二共同発明者の署名	日付	Second inventor's signature	Date
住所		Residence	
国務		Citizenship	
 郵便の宛先		Post Office Address	

Full name of third joint inventor, if any
Third inventor's signature Date
Residence
Citizenship
Post Office Address
(Supply similar information and signature for fourth and subsequent join inventors.)

- 3 -

## PATENT REEL: 010943 FRAME: 0949

RECORDED: 07/03/2000

.