



# Assignment

FOR VALUE RECEIVED KOICHI MORITA and TOSHIYUKI YAMAGISHI

subject of Japan residing respectively at  
1-10-25, Tsuruma, Fujimi-shi, Saitama-ken, Japan, and  
1-17-4, Matsubara, Kounosu-shi, Saitama-ken, Japan

hereby sell, assign, transfer and convey unto

Sanken Electric Co., Ltd.

a corporation of Japan

having a place of business at 6-3, Kitano 3-chome, Niiza-shi, Saitama-ken, Japan

(hereinafter called the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to

## SWITCHING POWER SUPPLY CAPABLE OF AC TO DC CONVERSION

and described in an application for Letters Patent of the United States executed by me on September 12, 2002

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent which may be filed, and all Letters Patent which may be granted, upon said inventions in any countries foreign to the United States, and all renewals, renewals and extensions thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and all officials of countries foreign to the United States having authority so to do, to issue all Letters Patent upon said inventions to the Assignee, its successors, assigns or legal representatives or to such nominee as it may designate.

AND we authorize and empower the said Assignee, its successors, assigns and legal representatives or nominee, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or file document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee, its successors, assigns and legal representatives, all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and in general perform all lawful acts necessary or proper to aid said Assignee, its successors, assigns and legal representatives or nominee in obtaining, maintaining and enforcing lawful patent protection for said inventions in any and all countries.

IN WITNESS WHEREOF, we hereunto set our hand and seal  
this 12th day of September, 2002.

Koichi Morita  
Koichi Morita

Toshiyuki Yamagishi  
Toshiyuki Yamagishi

Witness:

Junichi Ono  
Junichi Ono

Address: c/o Sanken Electric Co., Ltd., of 6-3, Kitano 3-chome,  
Niiza-shi, Saitama-ken, Japan

Witness:

Noritsugu Takano  
Noritsugu Takano

Address: 427-12, Ushiko, Kawagoe-shi, Saitama-ken, Japan

PATENT

REEL: 013336 FRAME: 0228

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TAK-0392

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

1. Name of conveying party(ies):

Koichi Morita	September 12, 2002
First Assignor	Date of Execution
Toshiyuki Yamagishi	September 12, 2002
Second Assignor	Date of Execution
Third Assignor	Date of Execution
Fourth Assignor	Date of Execution
Fifth Assignor	Date of Execution
Sixth Assignor	Date of Execution

Additional name(s) of conveying party(ies) attached? ( ) YES (X) NO

2. Name and address of receiving party(ies):

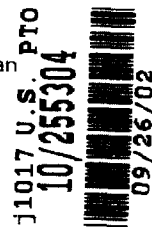
Sanken Electric Co., Ltd., a corporation of Japan  
6-3, Kitano 3-chome  
Niiza-shi, Saitama-ken, Japan

Additional name(s) & address attached? ( ) YES (X) NO

3. Nature of Conveyance (check only one):

(X) New Assignment ( ) Merger  
( ) License Agreement ( ) Security Agreement  
( ) Change of Name ( ) Other:

( ) Cross-reference of Assignment filed in United States  
Application No. \_\_\_/\_\_\_/\_\_\_, recorded on \_\_\_ at  
Reel No. \_\_\_ and Frame No. \_\_\_



4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:

Application Nos.:	Patent Nos.:	Date application was signed by the first named executing inventor
		September 12, 2002

(Fill-in this date only if assignment is  
filed together with a new application)

5. Name and address of party to whom correspondence  
concerning documents should be mailed:

Name: Michael P. Dunnam  
WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, Pennsylvania 19103-7301  
215-568-3100

6. Total number of applications and patents involved: One  
(1)

7. Total fee (37 CFR 3.41):.....\$40.00  
(X) Enclosed  
( ) Authorized to be charged to Deposit Account  
Number 23-3050

8. Please charge any deficiency or credit any  
overpayment to Deposit Account Number 23-3050

DO NOT USE THIS SPACE

9. 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.*

Michael P. Dunnam/32,611		9/26/02
Name of Person Signing/Reg. No.	Signature	Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: Two (2)

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231