

08-26-2002

TAK-0389

EET



To The Honorable Commissioner of Patents

102200732

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Koichi Morita
First AssignorAugust 7, 2002
Date of Execution

Second Assignor

Date of Execution

Third Assignor

Date of Execution

Fourth Assignor

Date of Execution

Fifth Assignor

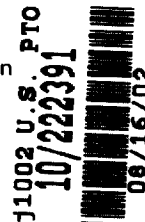
Date of Execution

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

August 7, 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
215-568-31006. 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

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

08/26/2002 DBYRNE 00000012 10222391

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40.00 DP

PATENT
REEL: 013209 FRAME: 0146

Assignment

FOR VALUE RECEIVED KOICHI MORITA

subject of Japan
at, 1-10-25, Tsuruma, Fujimi-shi, Saitama-ken, Japan

hereby sell, assign, transfer and convey unto

a corporation of Japan Sanken Electric Co., Ltd.

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

SOFT-SWITCHING POWER SUPPLY

and described in an application for Letters Patent of the United States executed by me on August 7, 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 reissues, renewals and extensions thereof; and I 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 I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, 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 I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like 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 I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I 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, I hereunto set my hand and seal
this 7th day of August, 2002.

Koichi Morita

Koichi Morita

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

TAK-0389

1. Name of conveying party(ies):

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

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JAPAN

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215-568-3100

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Washington, D.C. 20231

PATENT

RECORDED: 08/16/2002

REEL: 013209 FRAME: 0148