

FORM PTO-1595  
1-31-92  
TAK-0361

KMS

RE

12-28-2000



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To The Honorable Commissioner of Patents  
thereof.

101563979

Attached original documents or copy

1. Name of conveying party(ies):  
Akihiro Uchida

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

3. Nature of Conveyance:  
(X) Assignment ( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

Execution Date(s): November 29, 2000

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

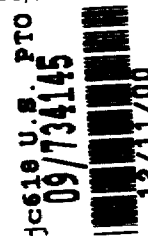
Name: Sanken Electric Co., Ltd.

Street Address:  
6-3, Kitano 3-chome, Niiza-shi

City: Saitama-ken, Japan

State ZIP

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



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

TAK-0361

B. Patent No.(s)

Additional numbers attached? ( ) YES (X) NO

09/734145

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

Name: Norman L. Norris, Esquire  
Internal Address: WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
Philadelphia, Pennsylvania 19103-7301

Street Address: WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
1650 Market Street  
Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved: 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

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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.*

Norman L. Norris/42,431

Name of Person Signing/Reg. No.

Signature

December 11, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

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

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

12/27/2000 JJALLAH2 00000105 09734145

01 FC:581

40.00 OP

# Assignment

FOR VALUE RECEIVED AKIHIRO UCHIDA

subject of Japan

at, 3-5-8-514, Ichizawa, Ooi-machi, Iruma-gun, 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

DC-TO-DC CONVERTER HAVING AN IMPROVED SURGE SUPPRESSOR

and described in an application for Letters Patent of the United States executed by me on November 29, 2000

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 29th day of November, 2000.

Akihiro Uchida

Akihiro Uchida

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