

07-23-2002

TAK-0384

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

1. Name of conveying party(ies): **7-3-02**

Hirokazu Goto June 19, 2002
First Assignor Date of Execution

Takashi Kato June 19, 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

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

10/188693
10/188693
07/23/2002

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. _____

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

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

Application Nos.: **10,188693** Patent Nos.: Date application was signed by the first named executing inventor: **June 19, 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
Name of Person Signing/Reg. No.

Michael P. Dunnam
Signature

July 2, 2002
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:

7/22/2002 TDIAZI 00000138 10188693

FC:581 40.00 DP

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

Assignment

FOR VALUE RECEIVED HIROKAZU GOTO and TAKASHI KATO

subject of Japan residing respectively at
6-44-29, Higashioozumi, Nerima-ku, Tokyo, Japan, and
3-1-17, Asashigaoka, Asaka-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

HALL-EFFECT CURRENT DETECTOR

and described in an application for Letters Patent of the United States executed by us on June 19, 2020

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 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 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 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 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 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 us 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 19th day of June, 2002.

Hirokazu Goto

Hirokazu Goto

Takashi Kato

Takashi Kato

Witness:

Hirohiko Kimura
Hirohiko Kimura

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

RECORDED: 07/03/2002

REEL: 013099 FRAME: 0442