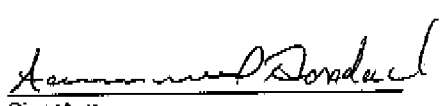
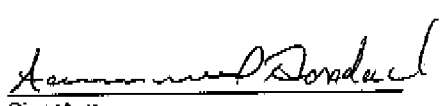
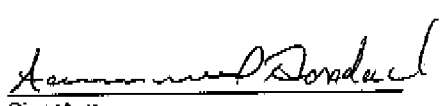


Substitute Form PTO-1595
 Attorney Docket No.: 14225-080001
 Client's Ref. No.: F1040579US00

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

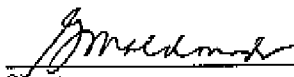
1. Name of conveying party(ies): Atsushi Kato and Atsushi Nakano Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Sanyo Electric Co., Ltd. 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 12/01/2004				
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/941,181 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
5. Name/address of party to whom correspondence concerning document should be mailed: SAMUEL BORODACH Fish & Richardson P.C. Citigroup Center 52nd Floor 153 East 53rd Street New York, New York 10022-4611	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.			
DO NOT USE THIS SPACE				
9. Statement and Signature: <i>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.</i> <table style="width: 100%;"> <tr> <td style="width: 30%;"> Samuel Borodach Reg. No. 38,388 Name of Person Signing </td> <td style="width: 30%; text-align: center;">  Signature </td> <td style="width: 30%; text-align: center;"> 12/29/04 Date </td> </tr> </table>		Samuel Borodach Reg. No. 38,388 Name of Person Signing	 Signature	12/29/04 Date
Samuel Borodach Reg. No. 38,388 Name of Person Signing	 Signature	12/29/04 Date		
Total number of pages including coversheet, attachments and document: 3				

30213972.doc

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

December 29, 2004
 Date of Transmission


 Signature

Samuel Borodach
 Typed Name of Person Signing Certificate

700141619

PATENT
 REEL: 015504 FRAME: 0538

CH \$40.00 061050 10941181

FISH & RICHARDSON P.C.

Assignment

譲渡

ここにその受領と充足性が確認された善良で価値ある配
慮の故に、文末に署名した者は、

住所

(以下「譲渡人」と呼ぶ)と、その継承人および譲受人に
対して、
(発明の名称)

弁護士登録番号:

という名称で知られ以下に署名したものが以下に記した
日にアメリカ合衆国特許を申請した発明のアメリカ合衆
国におけるすべての権利、権原および利益、ならびにそ
の発明に対しておこなわれるすべての特許申請とそれら
によって得られる特許状ならびにそれらの分割、再申
請、継続および延長を譲渡するものであり、さらにその
利益は、当該特許状が譲受人、継承人、さらに譲受人ら
または彼らの法的代理人に与えられたときに、当該特許
状の全所有権をこの譲渡が行われなかった場合に譲渡人
に当該特許状が与えられることにより譲渡人が受けたで
ある期間の最後の日まで完全無欠に授けられるものと
する。この書状が、申請と同時に登録されない場合に
は、以下の認識情報が執行後に追加されるものとする。

シリアル・ナンバー: 登録年月日:

1. 文末に署名した者は上記の申請、またはその継続出
願、一部継続出願、さしかえ出願、分割出願、更新出
願、再審査出願、または再発行出願、またはあらゆる修
正、拒絶審査手続きの延長、又はその他権原を譲受人が
確保するために必要なあらゆる文書を署名、執行するこ
とに同意する。

For good and valuable consideration, the receipt and
sufficiency of which are hereby acknowledged, the
undersigned hereby assign(s) over to:
SANYO ELECTRIC CO., LTD.
Having the address:
5-5, Kethanhondori 2-chome, Moriguchi-shi,
Osaka, Japan

(hereinafter designed as the "ASSIGNEE"), its
successors and assigns, the entire right, title, and
interest for the United States in the invention, and all
applications for patent and any Letters Patent which may
granted thereof, including said application, and all United
States Letters Patents which may be granted thereof,
and all divisions, reissues, continuations, and extensions
thereof, the said interesting being the entire ownership of
said Letters Patent when granted to be held by said
ASSIGNEE, its successors, assigns, or their legal
representatives, to the full end of the term for which said
Letters Patent may be granted, as fully and entirely as
the same would have been enjoyed by assignor(s) if this
assignment had not been made, the application being
known by the title:

CIRCUIT DEVICE

Attorney Docket No.: 14225-080001

for which the undersigned has/have executed an
application for patent in the United States of America on
the same day herewith. Where this instrument is not
filed concurrently with the application, the following
identifying information may be added after execution:

Serial No.: 10/941, 18 Filing Date: 09/15/2004

1. The undersigned hereby agree(s) to sign and
execute any further documents and instruments which
may be necessary, lawful and proper in the prosecution
of said above-named application or in the preparation
and prosecution of any continuing, continuation-in-part,
substitute, divisional, renewal, reexamination or reissue
application or in any amendments, extension or
interference proceedings, or otherwise secure the title
thereto to the ASSIGNEE.

Assignment

2. 文末に署名した者は、工業所有権の保護に関する国際条約又は同様な条約のクレームまたは条項に関連して必要となるすべての文書を署名、執行し、必要な行為を行うことに同意する。

3. 文末に署名した者は譲受人に有効な米国特許を取得させるために必要なすべての積極的な行為を実行することに同意する。

4. 文末に署名した者は、アメリカ合衆国の特許庁長官に対して、当該特許申請またはそれに基づくすべての分割、継続申請から生じるすべての特許状を当該譲受人に発行するように、諾願する。

5. 文末に署名した者は、本状の登記に当りアメリカ合衆国特許庁の規則にしたがって必要であり、望ましいような特別情報をこの譲渡書に挿入する権利をフィッシュ・アンド・リチャードソン法律事務所委任するものとする。

2. The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned hereby agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from the said application or any division or divisions or continuing application thereof to the ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this agreement 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.

以上を確認の上で、下記の者が下記の氏名に並んで記された日に各自、署名して本書を有効させるものである。

年月日 氏名 (楷書):

年月日 氏名 (楷書):

年月日 氏名 (楷書):

年月日 氏名 (楷書):

年月日 氏名 (楷書):

年月日 氏名 (楷書):

年月日 氏名 (楷書):

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned Name(s)

Dec. 01, 2004 Atsushi Kato
Date Typed Name
Atsushi Kato

Dec. 01, 2004 Atsushi Nakano
Date Typed Name
Atsushi Nakano

Date Typed Name

Date Typed Name

Date Typed Name

Date Typed Name

Date Typed Name

この譲渡書は同じくここに署名するアメリカ公証人または最低2名の証人の前で署名されてもよい。

This assignment may be signed before a U.S. notary Public or before at least two witnesses who also sign here: