

## PATENT ASSIGNMENT

Electronic Version v1.1

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|                                                                                            |                                    |
|--------------------------------------------------------------------------------------------|------------------------------------|
| SUBMISSION TYPE:                                                                           | NEW ASSIGNMENT                     |
| NATURE OF CONVEYANCE:                                                                      | ASSIGNMENT                         |
| CONVEYING PARTY DATA                                                                       |                                    |
| Name                                                                                       | Execution Date                     |
| Takeshi Okada                                                                              | 09/28/2006                         |
| RECEIVING PARTY DATA                                                                       |                                    |
| Name:                                                                                      | Sumitomo Electric Industries, Ltd. |
| Street Address:                                                                            | 5-33, Kitahama 4-chome             |
| Internal Address:                                                                          | Chuo-ku, Osaka-shi                 |
| City:                                                                                      | Osaka                              |
| State/Country:                                                                             | JAPAN                              |
| Postal Code:                                                                               | 541-0041                           |
| PROPERTY NUMBERS Total: 1                                                                  |                                    |
| Property Type                                                                              | Number                             |
| Application Number:                                                                        | 11510461                           |
| CORRESPONDENCE DATA                                                                        |                                    |
| Fax Number:                                                                                | (877)769-7945                      |
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| Address Line 2:                                                                            | P.O.BOX 1022                       |
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| ATTORNEY DOCKET NUMBER:                                                                    | 12852-041001                       |
| NAME OF SUBMITTER:                                                                         | Samuel Borodach                    |
| Total Attachments: 3<br>source=12852041001ASN#page1.tif<br>source=12852041001ASN#page2.tif |                                    |

CH \$40.00 11510461

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PATENT  
REEL: 018477 FRAME: 0723



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、

For good and valuable consideration, the receipt and  
sufficiency of which are hereby acknowledged, the  
undersigned hereby assign(s) over to:

Sumitomo Electric Industries, Ltd.

住所

Having the address:

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi,  
Osaka 541-0041 Japan

(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)

(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:

弁護士登録番号:

OPTICAL MODULE

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  
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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  
利権は、当該特許状が譲受人、継承人、さらに譲受人ら  
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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  
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あろう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。

Attorney Docket No.: 12852-041001

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:

シリアル・ナンバー:

登録年月日:

Serial No.: 11/510,461 Filing Date: August 24, 2006

## Assignment

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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に文書を署名、執行し、必要な行為を行うことに同意する。

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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に委任するものとする。

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.

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.

## Assignment

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、署名して本書を発効させるものである。

IN WITNESSTHEREBY, executed by the undersigned on the date(s) opposite the undersigned Name(s).

|              |                    |                                   |                                                   |
|--------------|--------------------|-----------------------------------|---------------------------------------------------|
| _____<br>年月日 | _____<br>氏名 (楷書) : | <u>September 28, 2006</u><br>Date | <u>Takeshi Okada</u><br>Typed Name: Takeshi OKADA |
|--------------|--------------------|-----------------------------------|---------------------------------------------------|

|              |                    |               |                      |
|--------------|--------------------|---------------|----------------------|
| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>Typed Name: |
|--------------|--------------------|---------------|----------------------|

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|--------------|--------------------|---------------|----------------------|
| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>Typed Name: |
|--------------|--------------------|---------------|----------------------|

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| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>Typed Name |
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| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>Typed Name |
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| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>Typed Name |
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| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>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:

|              |                    |               |                     |
|--------------|--------------------|---------------|---------------------|
| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>Typed Name |
|--------------|--------------------|---------------|---------------------|

|              |                    |               |                     |
|--------------|--------------------|---------------|---------------------|
| _____<br>年月日 | _____<br>氏名 (楷書) : | _____<br>Date | _____<br>Typed Name |
|--------------|--------------------|---------------|---------------------|