

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Ryoichi Kawasaki | 01/23/2007 |
| Hiroyuki Shindo | 01/24/2007 |
| RECEIVING PARTY DATA | |
| Name: | Sanyo Electric Co., Ltd. |
| Street Address: | 2-5-5, Keihanondori, Moriguchi-shi |
| City: | Osaka |
| State/Country: | JAPAN |
| Name: | Sanyo Optec Design Co., Ltd. |
| Street Address: | 5 6F Yushima 1-chome Building, 6-3, Yushima 1-chome, Bunkyo-ku |
| City: | Tokyo |
| State/Country: | JAPAN |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13036739 |
| CORRESPONDENCE DATA | |
| Fax Number: | (877)769-7945 |
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| ATTORNEY DOCKET NUMBER: | 16359-0068002 |

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REEL: 026245 FRAME: 0469

NAME OF SUBMITTER:

Srebristina Murphy

Total Attachments: 2

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ASSIGNMENT

For valuable consideration, we, Ryoichi Kawasaki of Gunma, JAPAN and Hiroyuki Shindo of Tokyo, JAPAN hereby assign to: Sanyo Electric Co., Ltd., a corporation of Japan having a place of business at: 2-5-5, Keihanondori, Moriguchi-shi, Osaka, Japan, and Sanyo Optec Design Co., Ltd., a corporation of Japan having a place of business at: 5 • 6F Yushima 1-chome Building, 6-3, Yushima1-chome, Bunkyo-ku, Tokyo, Japan and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled OPTICAL PICKUP APPARATUS, filed 01/24/2007, and assigned U.S. Serial Number 11/626,779, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Tokyo Japan,
this 23 day of Jan, 2007.

Ryoichi Kawasaki L.S.
Ryoichi Kawasaki

WITNESSED BY:

NAME: Takashi Iwasaki DATE: Jan. 23, 2007
PLEASE PRINT

SIGNATURE: Takashi Iwasaki

NAME: Shoichi Hashimoto DATE: Jan. 23, 2007
PLEASE PRINT

SIGNATURE: Shoichi Hashimoto

IN WITNESS WHEREOF, I hereto set my hand and seal at Tokyo JAPAN,
this 24 day of Jan., 2007.

Hiroyuki Shindo L.S.
Hiroyuki Shindo

WITNESSED BY:

NAME: Takashi Iwasaki DATE: Jan. 24, 2007
PLEASE PRINT

SIGNATURE: Takashi Iwasaki

NAME: Shoichi Hashimoto DATE: Jan. 24, 2007
PLEASE PRINT

SIGNATURE: Shoichi Hashimoto