

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiroyuki Shindo	07/18/2006
RECEIVING PARTY DATA	
Name:	Sanyo Electric Co., Ltd
Street Address:	2-5-5 Keihanhondori
Internal Address:	Moriguchi-shi
City:	Osaka
State/Country:	JAPAN
Name:	Sanyo Optec Design Co., Ltd.
Street Address:	5 6F Yushima 1-chome Building 6-3
Internal Address:	Yushimal 1-chome, Bunkyo-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11427687
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	16359-058001

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REEL: 018041 FRAME: 0522

NAME OF SUBMITTER:

Gregory A. Walters

Total Attachments: 2

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ASSIGNMENT

For valuable consideration, we, 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, Keihanbondori, 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, Yushima 1-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 LASER CONVERGING APPARATUS, OPTICAL PICKUP DEVICE, AND OPTICAL DISC RECORDING/REPRODUCING APPARATUS, filed 06/29/2006 and assigned U.S. Serial Number 11/427,687, 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 18 day of July, 2006.

Hiroyuki Shindo L.S.
Hiroyuki SHINDO

WITNESSED BY:

NAME: Hitoshi Terasaki
PLEASE PRINT

DATE: 18 July, 2006

SIGNATURE: Hitoshi Terasaki

NAME: Takashi Iwasaki
PLEASE PRINT

DATE: 18 July 2006

SIGNATURE: Takashi Iwasaki