

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Ryoichi Kawasaki</td><td>05/11/2007</td></tr><tr><td>Hiroyuki Shindo</td><td>02/23/2007</td></tr></tbody></table>	Name	Execution Date	Ryoichi Kawasaki	05/11/2007	Hiroyuki Shindo	02/23/2007					
Name	Execution Date										
Ryoichi Kawasaki	05/11/2007										
Hiroyuki Shindo	02/23/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Sanyo Electric Co., Ltd.</td></tr><tr><td>Street Address:</td><td>2-5-5, Keihanondori, Moriguchi-shi</td></tr><tr><td>City:</td><td>Osaka</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>570-8677</td></tr></table>	Name:	Sanyo Electric Co., Ltd.	Street Address:	2-5-5, Keihanondori, Moriguchi-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	570-8677	
Name:	Sanyo Electric Co., Ltd.										
Street Address:	2-5-5, Keihanondori, Moriguchi-shi										
City:	Osaka										
State/Country:	JAPAN										
Postal Code:	570-8677										
<table border="1"><tr><td>Name:</td><td>Sanyo Optec Design Co., Ltd.</td></tr><tr><td>Street Address:</td><td>5-6F Yushima 1-chome Building 6-3, Yushima 1-chome, Bunkyo-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	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			
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11681586</td></tr></tbody></table>	Property Type	Number	Application Number:	11681586							
Property Type	Number										
Application Number:	11681586										
CORRESPONDENCE DATA											
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (202) 783-5070											
Email: faeth@fr.com											
Correspondent Name: Gregory A. Walters											
Address Line 1: FISH & RICHARDSON P.C.											
Address Line 2: P.O.BOX 1022											
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022											
ATTORNEY DOCKET NUMBER:	16359-071001										

CH \$40.00 11681586

PATENT

500284513

REEL: 019345 FRAME: 0909

NAME OF SUBMITTER:

Edward G. Faeth

Total Attachments: 2

source=16539=071001 ASSMT#page1.tif

source=16539=071001 ASSMT#page2.tif

ASSIGNMENT

For valuable consideration, we, Ryoichi Kawasaki of Gunma, JAPAN, 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, 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 LENS HOLDER AND OPTICAL PICKUP APPARATUS HAVING THE SAME, filed 03/02/2007, and assigned U.S. Serial Number 11/681,586, 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 GUNMA JAPAN,
this 11 day of May, 2007.

Ryoichi Kawasaki L.S.
Ryoichi Kawasaki

WITNESSED BY:

NAME: Hitoshi Terasaki
PLEASE PRINT

DATE: May 11, 2007

SIGNATURE: Hitoshi Terasaki

NAME: Shoichi Hashimoto
PLEASE PRINT

DATE: May 11, 2007

SIGNATURE: Shoichi Hashimoto

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

Hiroyuki Shindo L.S.
Hiroyuki Shindo

WITNESSED BY:

NAME: Hitoshi Terasaki
PLEASE PRINT

DATE: Feb. 23, 2007

SIGNATURE: Hitoshi Terasaki

NAME: Shoichi Hashimoto
PLEASE PRINT

DATE: February 23, 2007

SIGNATURE: Shoichi Hashimoto