

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Morio Nakatani</td> <td>07/24/2009</td> </tr> <tr> <td>Kenji Nagatomi</td> <td>07/23/2009</td> </tr> <tr> <td>Yoshiyuki Matsumura</td> <td>07/23/2009</td> </tr> <tr> <td>Seiichiro Takahashi</td> <td>07/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Morio Nakatani	07/24/2009	Kenji Nagatomi	07/23/2009	Yoshiyuki Matsumura	07/23/2009	Seiichiro Takahashi	07/28/2009
Name	Execution Date										
Morio Nakatani	07/24/2009										
Kenji Nagatomi	07/23/2009										
Yoshiyuki Matsumura	07/23/2009										
Seiichiro Takahashi	07/28/2009										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SANYO Electric Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>5-5 Keihanhondori 2-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Moriguchi-shi</td> </tr> <tr> <td>City:</td> <td>Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	SANYO Electric Co., Ltd.	Street Address:	5-5 Keihanhondori 2-chome	Internal Address:	Moriguchi-shi	City:	Osaka	State/Country:	JAPAN
Name:	SANYO Electric Co., Ltd.										
Street Address:	5-5 Keihanhondori 2-chome										
Internal Address:	Moriguchi-shi										
City:	Osaka										
State/Country:	JAPAN										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12541685</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12541685						
Property Type	Number										
Application Number:	12541685										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (703)519-9958  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-519-9951        Email: bstoeckel@dcpatent.com        Correspondent Name: DITTHAVONG MORI &amp; STEINER, P.C.        Address Line 1: 918 Prince St.        Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	P3148US00										
NAME OF SUBMITTER:	Arthur J. Steiner										
Total Attachments: 1 source=SF2009-020US_P3148US00_Assignment#page1.tif											

OP \$40.00 12541685

500937675

REEL: 023103 FRAME: 0016

**PATENT**

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Morio Nakatani, Kenji Nagatomi, Yoshiyuki Matsumura and Seiichiro Takahashi, hereby sell, assign, and transfer to SANYO Electric Co., Ltd., a corporation of Japan, having a principal place of business at 5-5 Keihanondori 2-chome, Moriguchi-shi, Osaka, Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

### OPTICAL PICKUP DEVICE, AND RECORDING AND REPRODUCING APPARATUS

- ☒ which has been executed by the undersigned concurrently herewith,  
☐ which was filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

24. July, 2009  
Date

Morio Nakatani  
Name: Morio Nakatani

23. July, 2009  
Date

Kenji Nagatomi  
Name: Kenji Nagatomi

23. July, 2009  
Date

Yoshiyuki Matsumura  
Name: Yoshiyuki Matsumura

28. July, 2009  
Date

Seiichiro Takahashi  
Name: Seiichiro Takahashi