

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Minoru Sato	05/09/2011
Kiyotaka Eizumi	04/27/2011
Shuichi Ichiura	05/17/2011
RECEIVING PARTY DATA	
Name:	Sanyo Electric Co., Ltd.
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City:	Tokyo
State/Country:	JAPAN
Postal Code:	570-8677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13095624
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NAME OF SUBMITTER:	Elisha D. Manzur
Total Attachments: 1 source=P11241-Assignment#page1.tif	

OP \$40.00 13095624

ASSIGNMENT

Names of Inventors: (1) Minoru Sato
 (2) Kiyotaka Eizumi
 (3) Shuichi Ichiura

Name of Assignee: SANYO ELECTRIC CO., LTD.

State of Incorporation of Assignee: Japan

Title of Application: OPTICAL PICKUP APPARATUS AND DISC APPARATUS INCLUDING THE SAME

Application No.: 13/095,624 Date of Filing of Application: 04/24/11

1. In consideration of the sum of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree to sell, assign and transfer and do hereby sell, assign and transfer to the above-named Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to the inventions claimed and described in the above-identified patent application in the United States and throughout the world, and in and to any applications for patent and patents which may be granted and issued thereon in any and all countries, and in and to any continuations, divisions, reissues and extensions of said applications and patents and all priority rights associated therewith. The undersigned agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
2. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
3. The undersigned agree to execute all papers and documents and to perform any act necessary in connection with provisions of any and all international treaties regarding patents and industrial property.
4. The undersigned hereby authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from the above referenced patent application and any continuations or divisions thereof to the Assignee, as Assignee of the entire interest.
5. The undersigned hereby covenant to having full right to convey the entire interest herein assigned. The undersigned hereby represent and warrant that no other assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. This assignment stands on its own.

Signature of Inventor 1: <u>Minoru Sato</u>	Date: <u>May. 9. 2011</u>
Signature of Inventor 2: <u>Kiyotaka Eizumi</u>	Date: <u>Apr. 27. 2011</u>
Signature of Inventor 3: <u>Shuichi Ichiura</u>	Date: <u>May. 17. 2011</u>
Signature of Inventor 4: _____	Date: _____
Signature of Inventor 5: _____	Date: _____

Witnessed by:
Shoichi Hashimoto
 Name of Witness