

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Wataru Shinohara | 08/20/2008 |
| RECEIVING PARTY DATA | |
| Name: | Sanyo Electric Co., Ltd. |
| Street Address: | 5-5, Keihan Hondori 2-chome, |
| Internal Address: | Moriguchi-shi |
| City: | Osaka |
| State/Country: | JAPAN |
| Postal Code: | 570-8677 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12169374 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)519-9958 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Email: | ecarner@dcpatent.com |
| Correspondent Name: | Ditthavong Mori & Steiner, P.C. |
| Address Line 1: | 918 Prince Street |
| Address Line 4: | Alexandria, VIRGINIA 22314 |
| ATTORNEY DOCKET NUMBER: | SAFP0821-01US(01129_1120) |
| NAME OF SUBMITTER: | Arthur J. Steiner |
| Total Attachments: 1 source=SAFP0821-01US_01129-1120_Response_To_Notice_To_File_Missing_Parts#page1.tif | |

OP \$40.00 12169374

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Wataru Shinohara, hereby sell, assign, and transfer to Sanyo Electric Co., Ltd., a corporation of Japan, having a principal place of business at 5-5, Keihan Hondori 2-chome, Moriguchi-shi, Osaka 570-8677 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:

PHOTOVOLTAIC APPARATUS AND METHOD OF MANUFACTURING THE
SAME

- ☐ which has been executed by the undersigned concurrently herewith,
☒ which was filed on July 8, 2008 and assigned Serial No. 12/169,374

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:

August 20, 2008
Date

Wataru Shinohara
Name: Wataru Shinohara

_____, 2008
Date

Name:

_____, 2008
Date

Name

PATENT