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FORM PTO-1595 (modified)

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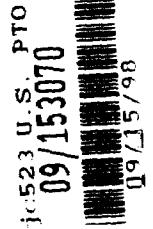
To the Assistant Commissioner for Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):
Masao TSURI, Masayuki OHIGASHI, Masayoshi MAEBA,
Toshihiro NOMURA, and Toshinobu TAKABATAKE
Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(ies):
Name: Sanyo Electric Co., Ltd.
Street Address: 5-5, Keihanhondori, 2-chome,
Moriguchi-shi, Osaka Japan 570-8677

3. Nature of conveyance:
 Assignment
 Security Agreement
 Other
Execution Date: September 1, 1998

Additional name(s) & address(es) attached? NO



4. Application number(s) or patent number(s): 09/153070
If this document is being filed together with a new application, the execution date of the application is: September 1, 1998
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: WENDEROTH, LIND & PONACK, L.L.P.
09/21/1998 530715 00000015 09153070
Street Address: 2033 K Street, N.W., Suite 800
63 FC:581 40.00 DP
City: Washington, State: DC ZIP: 20006

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. § 3.41). \$40.00
 Enclosed Check No. 2986⁶
Authorized to be charged to deposit account
8. Deposit account number: _____
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Charles R. Watts, Reg. No. 33,142
Name of Person Signing
Charles R. Watts
Signature
September 15, 1998
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments
Washington, D.C. 20231

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 26-0075

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Masao TSURI,

Masayuki OHIGASHI,

**Insert Name(s)
of Inventor(s)**

Masayoshi MAEBA,

Toshihiro NOMURA, and

Yoshinobu TAKABATAKE

the undersigned hereby sell(s) and assign(s) to

SANYO ELECTRIC CO., LTD

**Insert Name(s)
of Assignee(s)**

of 5-5, Keihanondori, 2-chome, Moriquchi-shi, Osaka Japan 570-8677

Address

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Photovoltaic Device

**Title of
Invention**

for which an application for patent in the United States has been executed by the undersigned on

**Date of Signing
of Application**

Sep. 1, 1998

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Sep. 1, 1998, Name of Inventor Masao Tsuru (Masao Tsuru)
 Date Sep. 1, 1998, Name of Inventor Masayuki Ohigashi (Masayuki Ohigashi)
 Date Sep. 1, 1998, Name of Inventor Masayoshi Maeba (Masayoshi Maeba)
 Date Sep. 1, 1998, Name of Inventor Toshihiro Nomura (Toshihiro Nomura)
 Date Sep 1, 1998, Name of Inventor Yoshinobu Takabatake (Yoshinobu Takabatake)
 Date _____, Name of Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness _____

Witness _____

ACKNOWLEDGEMENT

_____ } ss

This _____ day of _____, 19_____, before me

personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

Official Signature

SEAL

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____