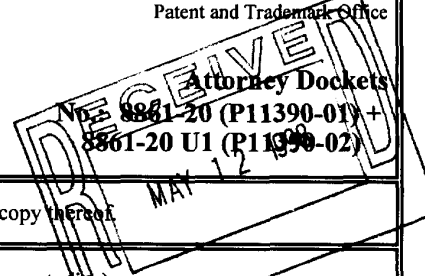


RECORDATION FORM COVER SHEET

06-09-1998



100731340



MPD
5/12/98

To the Assistant Commissioner of Patents and .

documents or copy thereof

1. Name of conveying party(ies):

Matsushita Electric Industrial Co., Ltd.

2. Name and address of receiving party(ies):

**New Energy and Industrial Technology
Development Organization**
Sunshine 60, 29F
1-1, Higashi Ikebukuro 3-chome
Toshima-ku, Tokyo
171-0014 JAPAN

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: April 30, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s): 5,389,572 and 5,474,622

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence document should be mailed:

William W. Schwarze
PANITCH SCHWARZE JACOBS & NADEL, P.C.
One Commerce Square - 2005 Market Street - 22nd Fl.
Philadelphia, PA 19103-7086
Telephone: (215) 965-1270
Facsimile: (215) 567-2991
E-Mail: psjn@psjn.com

6. Total number of applications and patents involved: [2]

7. Total fee (37 CFR 3.41) Cal. 1 x \$40.00 = \$ **80.00**

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: **16-0235**

DO NOT USE THIS SPACE

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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.

William W. Schwarze
Name of Person Signing

William W. Schwarze
Signature

May 6, 1998
Date

Total number of pages including cover sheet, attachments and document: [4]

06/06/1998 JWB/TJMS 00000006 80235 80.00 CH 01 FC:531

ASSIGNMENT

WHEREAS, **Matsushita Electric Industrial Co., Ltd.**, a corporation of Japan having a post office address of 1006, Oaza-Kadoma, Kadoma-shi, Osaka-fu 571, Japan, hereinafter generally referred to as "**ASSIGNOR**" is the owner of certain new and useful inventions for which Letters Patents have issued as set forth on Schedule A attached hereto.

WHEREAS, **New Energy and Industrial Technology Development Organization**, having a place of business at Sunshine 60, 29 F, 1-1, Higashi Ikebukuro 3-chome, Toshima-ku, Tokyo, 171-0014, Japan, hereinafter generally referred to as "**ASSIGNEE**" is desirous of acquiring said inventions and Letters Patents as set forth on Schedule A.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, **Matsushita Electric Industrial Co., Ltd.**, the undersigned **ASSIGNOR**, hereby agrees to sell, assign, transfer and convey and by these presents does sell, assign, transfer and convey unto the above-named **ASSIGNEE**, the whole and entire right, title and interest

in and to said inventions and Letters Patents as described above and as set forth in Schedule A, for the territory of the United States and its possessions and territories,

in and to the above Letters Patents and all United States Letters Patents which may be granted on said inventions including divisions, reissues, reexamination certificates and continuations; and

together with all claims for damages by reason of past infringement of said Letters Patents with the right to sue for and collect the same for its own use and behalf or for the use and behalf of its legal representatives;

said inventions and Letters Patents to be held and enjoyed by the above-named **ASSIGNEE**, for **ASSIGNEE**'s own use and behalf, and for **ASSIGNEE**'s legal representatives and assigns to the full end of the term or terms for which said Letters Patents have been granted, as fully and entirely as the same would have been held by the undersigned **ASSIGNOR** had this assignment and sale not been made; and for the aforesaid consideration **ASSIGNOR** hereby covenants, agrees and undertakes to execute, whenever requested by the above-named **ASSIGNEE**, all patent applications, assignments, lawful oaths and any other papers which **ASSIGNEE** may deem

necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

April 30, 1998
Date

By: Masaaki Ueda
Masaaki Ueda

Title: Director
Intellectual Property Center

SCHEDULE A

<u>Patent No.</u>	<u>Title</u>	<u>Issue Date</u>
5,389,572	PROCESS OF MAKING CHALCOPYRITE STRUCTURE SEMICONDUCTOR FILM	February 14, 1995
5,474,622	SOLAR CELL HAVING CHALCOPYRITE SEMICONDUCTOR FILM	December 12, 1995