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Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
NAOYA KIKUMOTO

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Assignment ☐ Change of Name  
☐ Other

Execution Date: June 2, 2003

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

Name: SHARP KABUSHIKI KAISHA

Internal Address: \_\_\_\_\_

Street Address: 22-22, Nagaike-cho, Abeno-ku

City: Osaka

State/Country: Japan

Zip: \_\_\_\_\_

Additional name/s & address/es attached? ☐ Yes ☒ No

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).

(1) 29/181,656

(2) \_\_\_\_\_

(3) \_\_\_\_\_

B. Patent No(s).

(1) \_\_\_\_\_

(2) \_\_\_\_\_

(3) \_\_\_\_\_

Additional numbers attached ☐ Yes ☒ No

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

Name: Richard G. Besha

Internal Address: \_\_\_\_\_

Street Address: Nixon & Vanderhye P.C.

1100 North Glebe Road

8<sup>th</sup> Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our **Account No. 14-1140.**

**DO NOT USE THIS SPACE**

9. Statements 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.

Richard G. Besha

Name of Person Signing

Reg. No. 22,770

Richard Besha

Signature

July 7, 2003

Date

Total number of pages including **original** cover sheet, attachments, and document: [3]

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**ASSIGNMENT FOR PATENT APPLICATION**  
**(U.S. Rights Only)**

WHEREAS, NAOYA KIKUMOTO, (hereinafter ASSIGNOR) of 803, 2-3, Miharadai-2, Sakai-shi, Osaka-fu, Japan, has made an invention entitled ELECTRIC POWER CONVERTER FOR A SOLAR BATTERY for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on May 15, 2003;

WHEREAS, SHARP KABUSHIKI KAISHA (hereinafter ASSIGNEE), a corporation of the Country of Japan, having an office and place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademark to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only

ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

<u>June 2, 2003</u> Date	<u>Naoya Kikumoto</u> NAOYA KIKUMOTO
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Witnessed by:

Name: <u>K. Takahashi</u>	Date: <u>June 2, 2003</u>
Name: <u>Ken Sugiyama</u>	Date: <u>June 2, 2003</u>