

11-02-1998



To the Honorable Commissioner of P.

100867281

shed original documents or copy thereof.

## 1. Name of conveying party(ies):

Daniel OLIVEIRA, Haruo NISHIYAMA and Yoshifumi MAITANI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other:☐ Merger☒ Change of NameExecution Date: **August 28, 1998, August 28, 1998 & Sept. 2, 1998**

## 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:

ZIP:

Country: **Japan**Postal Code: **545-8522**Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s): 09/139,262

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)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**

Internal Address:

Street Address: **P.O. BOX 747**City: **FALLS CHURCH**State: **VA**ZIP: **22040-0747**Country: **USA**

## 6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): **\$40.00**☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: **02-2448**

(Attach triplicate 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 Gorenstein, Reg. #29,271

Name of Person Signing/Reg. No.

Signature

October 22, 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 & Trademarks, Box Assignments  
 Washington, DC 20231

10/29/1998 JUTKINS 00000040 09139262

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ATTORNEY DOCKET NO.

1248-421P

## ASSIGNMENT

Application No. 09/139,262

Filed 8/25/98

**Insert Name(s)  
of Inventor(s)** ➡

WHEREAS, Daniel OLIVEIRA, Haruo NISHIYAMA and Yoshifumi MAITANI

**Insert Title  
of Invention** ➡

POWER CONTROL UNIT

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

for which an application for Letters Patent of the United States of America has been executed by the undersigned

**Insert Date  
of Signing of  
Application** ➡

on August 28, 1998 and September 2, 1998; and

**Insert Name  
of Assignee** ➡

WHEREAS, Sharp Kabushiki Kaisha

**Insert Address  
of Assignee** ➡

of 22-22 Nagaike-cho Abeno-ku Osaka 545-8522 Japan

**CHECK BOX  
IF APPROPRIATE** ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

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 or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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

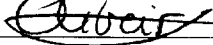
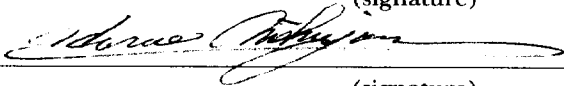
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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 law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date <u>August 28, 1998</u>	Name of Inventor <u>DANIEL OLIVEIRA</u>  (signature)
Date <u>August 28, 1998</u>	Name of Inventor <u></u> (signature)
Date <u>Sep. 2, 1998</u>	Name of Inventor <u>Yoshifumi Kaitani</u> (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)