

07-09-2007



103424608

Attorney's Docket No. 1032865-000033

To the Director of the U.S. Patent and Trademark Office

Indicate the new address(es) below.

7.3.07

**POWER SUPPLY UNIT FOR LIGHT SOURCE AND METHOD OF CONTROLLING THE SAME**

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

(1) Shiro ISOBE, (2) Tomotaka MORI, (3) Toshitaka FUJII and (4) Atsuji NAKAGAWA

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

RUBYCON CORPORATION

1938-1, Nishiminowa

Ina-shi, Nagano 399-4593 Japan and

PHOENIX Electric Co., Ltd.

703, Aza-Takamura, Mikage, Toyotomi-cho

Himeji-shi, Hyogo 679-2122 Japan

**3. Nature of Conveyance/Execution Date(s):**

April 20, 2007

- Assignment
- Security Agreement
- Joint Research Agreement
- Government Interest Agreement
- Other:
- Executive Order 9424 Confirmatory License
- Merger
- Change of Name

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

A. Patent Application No.(s)  
11/734,290

B. Patent No.(s)

This document is being filed together with a new application.

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

Name: William C. Rowland

Address: **Buchanan Ingersoll & Rooney PC**  
**Customer Number 2 1 8 3 9**  
**P.O. Box 1404**  
**Alexandria, Virginia 22313-1404**

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

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- Authorized to be charged by credit card. PTO Form 2038 attached.
- Authorized to be charged to deposit account 02-4800
- Enclosed.
- None required (gov't interest not affecting title)

**8. Signature:** W.C. Rowland Reg. No. 30,888 Date July 3, 2007  
Signature

William C. Rowland  
Name of Person Signing

07/05/2007 AWONDAF1 00000033 11734290  
01 FC:0021

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

# ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by (1) Shiro ISOBE, (2) Tomotaka MORI, (3) Toshitaka FUJII and (4) Atsuiji NAKAGAWA, residing at (1) Ina-shi, Nagano, Japan; (2) Ina-shi, Nagano, Japan; (3) Himeji-shi, Hyogo, Japan and (4) Himeji-shi, Hyogo, Japan (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in POWER SUPPLY UNIT FOR LIGHT SOURCE AND METHOD OF CONTROLLING THE SAME set forth in an application for Letters Patent of the United States, which is a

- (1)  provisional application
  - (a)  bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
  - (b)  to be filed herewith; or
- (2)  non-provisional application
  - (a)  bearing Application No. 11/734,290, and filed on April 12, 2007;
  - (b)  having an oath or declaration executed on even date herewith prior to filing of application;
  - (c)  having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, RUBYCON CORPORATION and PHOENIX ELECTRIC CO., LTD., corporations duly organized under and pursuant to the laws of Japan and Japan and having principal places of business at 1938-1, Nishiminowa, Ina-shi, Nagano 399-4593 Japan, and 703, Aza-Takamaru, Mikage, Toyotomi-cho, Himeji-shi, Hyogo 679-2122 Japan, respectively (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

DATE April 20, 2007

Shiro Isobe

Shiro ISOBE

DATE April 20, 2007

Tomotaka Mori

Tomotaka MORI

DATE \_\_\_\_\_

Toshitaka FUJII

DATE \_\_\_\_\_

Atsuji NAKAGAWA

# ASSIGNMENT

## (JOINT)

THIS ASSIGNMENT, by (1) Shiro ISOBE, (2) Tomotaka MORI, (3) Toshitaka FUJII and (4) Atsuji NAKAGAWA, residing at (1) Ina-shi, Nagano, Japan; (2) Ina-shi, Nagano, Japan; (3) Himeji-shi, Hyogo, Japan and (4) Himeji-shi, Hyogo, Japan (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in POWER SUPPLY UNIT FOR LIGHT SOURCE AND METHOD OF CONTROLLING THE SAME set forth in an application for Letters Patent of the United States, which is a

- (1)  provisional application
- (a)  bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
- (b)  to be filed herewith; or
- (2)  non-provisional application
- (a)  bearing Application No. 11/734,290, and filed on April 12, 2007;
- (b)  having an oath or declaration executed on even date herewith prior to filing of application;
- (c)  having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, RUBYCON CORPORATION and PHOENIX ELECTRIC CO., LTD., corporations duly organized under and pursuant to the laws of Japan and Japan and having principal places of business at 1938-1, Nishiminowa, Ina-shi, Nagano 399-4593 Japan, and 703, Aza-Takamaru, Mikage, Toyotomi-cho, Himeji-shi, Hyogo 679-2122 Japan, respectively (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

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DATE \_\_\_\_\_

\_\_\_\_\_  
Shiro ISOBE

DATE \_\_\_\_\_

\_\_\_\_\_  
Tomotaka MORI

DATE April 20, 2007

Toshitaka Fujii  
Toshitaka FUJII

DATE April 20, 2007

Atsuji Nakagawa  
Atsuji NAKAGAWA