



**Kolisch Hartwell**

A Professional Corporation

INTELLECTUAL PROPERTY  
ATTORNEYS

Peter E. Heuser<sup>■</sup>  
David P. Cooper  
Pierre C. Van Rysseberghe\*  
Walter W. Karnstein  
Charles H. DeVoe  
David S. D'Ascenzo  
James R. Abney, Ph.D.\*  
Owen W. Dukelow\*  
Mark D. Alleman\*  
M. Matthews Hall, Ph.D.  
Christopher S. Tuttle  
B. Anna McCoy  
David E. Hall  
Ellen M. Gonzales\*  
Jason C. Creasman

Of Counsel:  
J. Pierre Kolisch  
John M. McCormack\*  
Edward B. Anderson\*

Patent Agents:  
Stan M. Hollenberg, Ph.D.  
Anton E. Skaugset, Ph.D.

Technical Consultants:  
Shawn J. Kolitch, Ph.D.  
Phaedra E. Gutowski

M.H. Hartwell 1927-2000

<sup>■</sup>OR, CA & ID Bars  
<sup>▲</sup>OR, CA & WA Bars  
<sup>\*</sup>OR & CA Bars  
<sup>\*</sup>CA Bar Only

OREGON ☐  
200 Pacific Building  
520 S.W. Yamhill Street  
Portland, OR 97204-1324  
Telephone: 503/224-6655  
Facsimile: 503/295-6679

CALIFORNIA ☐  
260 Sheridan Ave., Ste. 200  
Palo Alto, CA 94306-2009  
Telephone: 650/325-8673  
Facsimile: 650/325-5076

IDAHO ☐  
101 S. Capitol Blvd., Ste. 500  
Boise, ID 83702-7715  
Telephone: 208/384-9166  
Facsimile: 208/384-9169

Kolisch Hartwell, P.C.  
info@khpatent.com  
www.khpatent.com

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Commissioner for Patents  
**Box ASSIGNMENT**  
Washington, D.C. 20231

6.3.03

**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

Sir:

Enclosed for recordation in the records of the U.S. Patent and

Trademark Office is an original document with particulars as follows.

(1) Name of conveying parties: Kiyomi Watanabe and

Teruo Tomaki.

(2) Name and address of receiving party: Origin Electric

Company, Limited, 18-1, Takada 1-chome, Toshima-ku, Tokyo, Japan.

(3) The nature of the conveyance is an assignment, which

was executed April 23, 2003.

10454397

(4) This document is being filed with a new patent

application, which was signed by the first named inventor on April 23, 2003.

(5) Any and all correspondence concerning this document

should be addressed and mailed to the following.

Charles H. DeVoe  
Kolisch Hartwell, P.C.  
520 S.W. Yamhill Street, Suite 200  
Portland, Oregon 97204

06/06/2003 WABRAHFI 00000011 10454397  
02 FC18021 40,000.00

(6) The total number of patent applications involved in this

**PATENT**  
**REEL: 014142 FRAME: 0051**

conveyance is one.

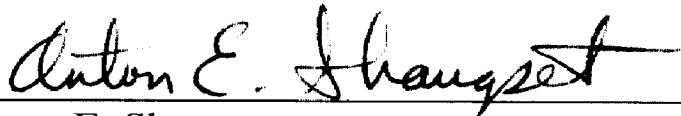
(7) Our check in the amount of \$790.00 to cover the application fee and recordation fee is enclosed, in accordance with 37 C.F.R. § 3.41.

(8) Please charge our Deposit Account No. 11-1540 for any additional fees which may be required. A duplicate of this sheet is enclosed.

(9) 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.

Respectfully submitted,

KOLISCH HARTWELL, P.C.



Anton E. Skaugset

Registration No. 38,617

Customer No. 23581

520 S.W. Yamhill Street, Suite 200

Portland, Oregon 97204

Telephone: (503) 224-6655

Facsimile: (503) 295-6679

AES:gp  
Enclosures

of Attorneys/Agents for Applicants

TOTAL NUMBER OF PAGES,  
INCLUDING COVER SHEET,  
ATTACHMENTS, AND DOCUMENT: 4



## ASSIGNMENT

WHEREAS, we, (1) Kiyomi WATANABE; and (2) Teruo TOMAKI, of  
(1) Kashiwa-shi, Japan; and (2) Kitakatsushika-gun,  
Japan

certain improvements in

POWER CONVERSION DEVICE, for which we have  
executed an application for Letters Patent of the United States on the date we executed this  
Assignment as hereinafter set forth.

WHEREAS, Origin Electric Company, Limited, a Japanese corporation, having its  
principal place of business in 18-1, Takada 1-chome, Toshima-ku, Tokyo, Japan, is desirous  
of acquiring an interest therein:

NOW, THEREFORE, for other good and valuable consideration, we the said  
(1) Kiyomi WATANABE; and (2) Teruo TOMAKI, have sold, assigned, and transferred, and  
by these presents do sell, assign, and transfer unto the said Origin Electric Company, Limited,  
the full and exclusive right to the said invention in the United States and its territorial  
possessions and in all foreign countries and the entire right, title and interest in and to any and  
all Letters Patent which may be granted therefor in the United States and its territorial  
possessions in any and all foreign countries and in and to any and all divisions, reissues,  
continuations and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States  
and any and all foreign countries to issue any and all of said Letters Patent, when granted, to  
the said Origin Electric Company, Limited, as the assignee of our entire right, title and interest  
in and to the same, for the sole use of the said Origin Electric Company, Limited, its

successors and assigns.

Further, we agree that we will communicate to the said Origin Electric Company, Limited, or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the said Origin Electric Company, Limited, make all rightful oaths and generally do everything possible to aid the said Origin Electric Company, Limited, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of April, 2003.

Kiyomi Watanabe

FIRST INVENTOR: Kiyomi WATANABE

Witness:

Yuji Kasuya

(Name) Yuji Kasuya  
c/o Origin Electric Company, Limited, 18-1, Takada 1-chome,  
Toshima-ku, Tokyo, Japan

(Address)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of April, 2003.

Teruo Tomaki

SECOND INVENTOR: Teruo TOMAKI

Witness:

Yuji Kasuya

(Name) Yuji Kasuya  
c/o Origin Electric Company, Limited, 18-1, Takada 1-chome,  
Toshima-ku, Tokyo, Japan

(Address)