

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
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CORRESPONDENCE DATA																					
Fax Number:	7037161180																				
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ATTORNEY DOCKET NUMBER:	P43055
NAME OF SUBMITTER:	Leslie J. Paperner
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 12</b> source=P43055_Assignment#page1.tif source=P43055_Assignment#page2.tif source=P43055_Assignment#page3.tif source=P43055_Assignment#page4.tif source=P43055_Assignment#page5.tif source=P43055_Assignment#page6.tif source=P43055_Assignment#page7.tif source=P43055_Assignment#page8.tif source=P43055_Assignment#page9.tif source=P43055_Assignment#page10.tif source=P43055_Assignment#page11.tif source=P43055_Assignment#page12.tif	

**COMBINED INVENTOR'S DECLARATION AND ASSIGNMENT****DECLARATION**

The herein-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**Authorization to Permit Access to Application by Participating Office**

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the herein-identified patent application is filed access to the herein-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the herein-identified patent application is filed to have access to the herein-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the herein-identified patent application with respect to: 1) the herein-identified patent application-as-filed; 2) any foreign application to which the herein-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the herein-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the herein-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

Direct Correspondence to: **CUSTOMER NUMBER 07055**

At: Greenblum & Bernstein, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191

Direct Telephone Calls to: Greenblum & Bernstein, P.L.C. (703) 716-1191

ASSIGNMENT

WHEREAS, **Masao MABUCHI**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, **Kazuyoshi IMAMURA**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, **Yasuhiro TSUBOTA**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, **Takao MIZOKAMI**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, **Katsutaka TANABE**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, **Kotaro NAKAMURA**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, **Teruyuki MAEDA**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, **Nobuyuki TOYOURA**, a resident of Shiga, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, and **Mio YAMADA**, a resident of Fukuoka, JAPAN, whose mailing address is c/o OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**POWER CONDITIONER**

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on December 18, 2012 and was awarded Application No. **13/718,090**.

AND WHEREAS, **OMRON CORPORATION**, a corporation organized and existing under the laws of JAPAN, whose mailing address is 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions

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and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

Masao Mabuchi

**Masao MABUCHI**

February 4, 2013  
Date

Second Witness (Optional):

\_\_\_\_\_  
(Name)

---

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

Kazuyoshi Imamura

**Kazuyoshi IMAMURA**

February 4, 2013  
Date

Second Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

Yasuhiro Tsubota

**Yasuhiro TSUBOTA**

February 4, 2013  
Date

Second Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)



IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

*Takao Mizokami*  
\_\_\_\_\_

**Takao MIZOKAMI**

\_\_\_\_\_  
Date *February 4, 2013*

Second Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

Akihiro Hosoza  
(Name) Akihiro HOSOYA

February 13, 2013  
(Date)

Katsutaka Tanabe

Katsutaka TANABE

Date February 13, 2013

Second Witness (Optional):

Yusaku Harada  
(Name) Yusaku Harada

February 13, 2013  
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

Akihiro Hosoya  
(Name) Akihiro HOSOYA

February 13, 2013  
(Date)

Kotaro Nakamura  
  
Kotaro NAKAMURA

\_\_\_\_\_

Date February 13, 2013

Second Witness (Optional):

Yusaku Harada  
(Name) Yusaku HARADA

February 13, 2013  
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

Yukio Ogawa  
(Name) Yukio Ogawa

February 18, 2013  
(Date)

Teruyuki Maeda  
Teruyuki MAEDA

Date February 18, 2013

Second Witness (Optional):

Manabu Kobayashi  
(Name) Manabu Kobayashi

February 18, 2013  
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

Akihito Hosoya  
(Name) Akihito HOSOYA

February 13, 2013  
(Date)

Nobuyuki Toyoura

Nobuyuki TOYOURA

Date February 13, 2013

Second Witness (Optional):

Yusaku Harada  
(Name) Yusaku HARADA

February 13, 2013  
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

Mio Yamada

**Mio YAMADA**

Date February 4, 2013

Second Witness (Optional):

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)