

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshinobu HEMMI</td> <td>08/27/2013</td> </tr> <tr> <td>Hideaki OZAKI</td> <td>08/27/2013</td> </tr> <tr> <td>Hirotsada TERANISHI</td> <td>08/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yoshinobu HEMMI	08/27/2013	Hideaki OZAKI	08/27/2013	Hirotsada TERANISHI	08/27/2013				
Name	Execution Date												
Yoshinobu HEMMI	08/27/2013												
Hideaki OZAKI	08/27/2013												
Hirotsada TERANISHI	08/27/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>OMRON CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>801, Minamifudodo-cho, Horikawahigashiiru</td> </tr> <tr> <td>Internal Address:</td> <td>Shiokoji-dori, Shimogyo-ku</td> </tr> <tr> <td>City:</td> <td>Kyoto-shi, Kyoto</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>600-8530</td> </tr> </table>		Name:	OMRON CORPORATION	Street Address:	801, Minamifudodo-cho, Horikawahigashiiru	Internal Address:	Shiokoji-dori, Shimogyo-ku	City:	Kyoto-shi, Kyoto	State/Country:	JAPAN	Postal Code:	600-8530
Name:	OMRON CORPORATION												
Street Address:	801, Minamifudodo-cho, Horikawahigashiiru												
Internal Address:	Shiokoji-dori, Shimogyo-ku												
City:	Kyoto-shi, Kyoto												
State/Country:	JAPAN												
Postal Code:	600-8530												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13949775</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13949775								
Property Type	Number												
Application Number:	13949775												
CORRESPONDENCE DATA													
<p>Fax Number: 8602860115 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 860-286-2929 Email: kgunter@cantorcolburn.com Correspondent Name: CANTOR COLBURN LLP Address Line 1: 20 Church Street Address Line 2: 22nd Floor Address Line 4: Hartford, CONNECTICUT 06103</p>													
ATTORNEY DOCKET NUMBER:	NYL0001US												
NAME OF SUBMITTER:	Daniel F. Drexler												
Signature:	/Daniel F. Drexler/												

PATENT

Date:	09/11/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 8</p> <p>source=6TU7368#page1.tif</p> <p>source=6TU7368#page2.tif</p> <p>source=6TU7368#page3.tif</p> <p>source=6TU7368#page4.tif</p> <p>source=6TU7368#page5.tif</p> <p>source=6TU7368#page6.tif</p> <p>source=6TU7368#page7.tif</p> <p>source=6TU7368#page8.tif</p>	

**DECLARATION AND ASSIGNMENT FOR
UTILITY OR DESIGN PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(f)) required)

Attorney Docket Number	NYL0001US
First Named Inventor	Yoshinobu HEMMI
COMPLETE IF KNOWN	
Application Number	13/949,775
Filing Date	2013/07/24
Art Unit	
Examiner Name	

BRUSH

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application,

OR

☒ United States Application Number or PCT International Application Number 13/949,775
filed on 2013/07/24

The above-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 Offices

☒ 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 above-identified patent application is filed access to the above-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 above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-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 above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-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.

DECLARATION AND ASSIGNMENT -- Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/>	The address associated with Customer Number: <input type="text" value="23413"/>	OR <input type="checkbox"/>	Correspondence address below: ..
Name			
Address			
City	State	Zip	
Country	Telephone	Email	

Assignment of Patent Application:

hereby sell, assign, and transfer to

OMRON CORPORATION

having a principal place of business at

**801, Minamifudodo-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku
Kyoto-shi, Kyoto, 600-8530 JAPAN**

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the above identified application and in and to said application and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the below named inventor(s).

DECLARATION AND ASSIGNMENT -- Utility or Design Patent Application

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: *Patent Application File*. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT-TM-10, System name: *Deposit Accounts and Electronic Funds Transfer Profiles*.

Legal Name of Sole or First Inventor:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Yoshinobu HEMMI

Inventor's Signature <i>Yoshinobu H.</i>		Date <i>Aug. 27. 2013</i>	
Residence: City Otsu-City	State Shiga	Country JAPAN	
Mailing Address c/o Omron Corporation 801, Minamifudodo-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku			
City Kyoto-shi	State Kyoto	Zip 600-8530	Country JAPAN

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Hideaki OZAKI

Inventor's Signature		Date	
Residence: City Takatsuki-City	State Osaka	Country JAPAN	
Mailing Address c/o Omron Corporation 801, Minamifudodo-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku			
City Kyoto-shi	State Kyoto	Zip 600-8530	Country JAPAN

DECLARATION AND ASSIGNMENT – Utility or Design Patent Application

Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Hirotada TERANISHI			
Inventor's Signature		Date	
Hirotada Teranishi		August 27, 2013	
Residence: City	State	Country	
Osaka-City	Osaka	JAPAN	
Mailing Address			
c/o Omron Corporation 801, Minamifudoto-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku			
City	State	Zip	Country
Kyoto-shi	Kyoto	600-8530	JAPAN
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Inventor's Signature		Date	
Residence: City	State	Country	
Mailing Address			
City	State	Zip	Country
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Inventor's Signature		Date	
Residence: City	State	Country	
Mailing Address			
City	State	Zip	Country

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(f)) required)	Attorney Docket Number	NYL0001US
	First Named Inventor	Yoshinobu HEMMI
	<i>COMPLETE IF KNOWN</i>	
	Application Number	13/949,775
	Filing Date	2013/07/24
	Art Unit	
Examiner Name		

BRUSH

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application,

OR

☒ United States Application Number or PCT International Application Number 13/949,775
 filed on 2013/07/24

The above-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 Offices

☒ 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 above-identified patent application is filed access to the above-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 above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-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 above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-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.

DECLARATION AND ASSIGNMENT -- Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/>		The address associated with Customer Number: 23413		OR <input type="checkbox"/>		Correspondence address below:	
Name							
Address							
City			State			Zip	
Country		Telephone			Email		
Assignment of Patent Application:							
hereby sell, assign, and transfer to							
OMRON CORPORATION							
having a principal place of business at							
801, Minamifudodo-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku Kyoto-shi, Kyoto, 600-8530 JAPAN							
<p>("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the above identified application and in and to said application and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;</p>							
<p>agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and</p>							
<p>covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the below named inventor(s).</p>							

[Page 2]

DECLARATION AND ASSIGNMENT -- Utility or Design Patent Application

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: *Patent Application File*. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT-TM-10, System name: *Deposit Accounts and Electronic Funds Transfer Profiles*.

Legal Name of Sole or First Inventor:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Yoshinobu HEMMI

Inventor's Signature

Date

Residence: City

Otsu-City

State

Shiga

Country

JAPAN

Mailing Address

c/o Omron Corporation

801, Minamifudodo-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku

City

Kyoto-shi

State

Kyoto

Zip

600-8530

Country

JAPAN

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Hideaki OZAKI

Inventor's Signature

Hideaki OZAKI

Date

August 27, 2013

Residence: City

Takatsuki-City

State

Osaka

Country

JAPAN

Mailing Address

c/o Omron Corporation

801, Minamifudodo-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku

City

Kyoto-shi

State

Kyoto

Zip

600-8530

Country

JAPAN

DECLARATION AND ASSIGNMENT – Utility or Design Patent Application

Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Hirotada TERANISHI			
Inventor's Signature		Date	
Residence: City		State	Country
Osaka-City		Osaka	JAPAN
Mailing Address			
c/o Omron Corporation 801, Minamifudodo-cho, Horikawahigashiru, Shiokoji-dori, Shimogyo-ku			
City	State	Zip	Country
Kyoto-shi	Kyoto	600-8530	JAPAN
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Inventor's Signature		Date	
Residence: City		State	Country
Mailing Address			
City	State	Zip	Country
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Inventor's Signature		Date	
Residence: City		State	Country
Mailing Address			
City	State	Zip	Country

[Page 4]