

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>Yoshitaka Taishi</td> <td>03/22/2013</td> </tr> <tr> <td>Hajime Kawai</td> <td>03/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yoshitaka Taishi	03/22/2013	Hajime Kawai	03/22/2013				
Name	Execution Date										
Yoshitaka Taishi	03/22/2013										
Hajime Kawai	03/22/2013										
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, Shiokoji-dori, Shimogyo-ku</td> </tr> <tr> <td>City:</td> <td>Kyoto-shi</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, Shiokoji-dori, Shimogyo-ku	City:	Kyoto-shi	State/Country:	JAPAN	Postal Code:	600-8530
Name:	OMRON Corporation										
Street Address:	801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku										
City:	Kyoto-shi										
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>13681881</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13681881						
Property Type	Number										
Application Number:	13681881										
CORRESPONDENCE DATA											
<p>Fax Number: 6173109000 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-439-2000 Email: docket@nutter.com Correspondent Name: NUTTER MCCLENNEN & FISH LLP Address Line 1: 155 SEAPORT BOULEVARD Address Line 2: SEAPORT WEST Address Line 4: BOSTON, MASSACHUSETTS 02210-2604</p>											
ATTORNEY DOCKET NUMBER:	109625-00016										
NAME OF SUBMITTER:	John J. Penny, Jr.										
Signature:	/John J. Penny, Jr./										
Date:	04/29/2013										

CH \$40.00 13681881

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

source=16DeclarationAssignment#page1.tif

source=16DeclarationAssignment#page2.tif

source=16DeclarationAssignment#page3.tif

source=16DeclarationAssignment#page4.tif

DECLARATION AND ASSIGNMENT – U.S. RIGHTS ONLY

Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)")
has/have invented:

☐ The attached application to be filed as a United States application or PCT international
application, or

☒ United States application or PCT international application number 13/681,881 filed on
November 20, 2012; and, entitled: TONER DENSITY SENSOR AND IMAGE FORMING
APPARATUS

Regarding that application, each of the INVENTOR(S) declares the following:

- The above-identified application was made or authorized to be made by me.
- I believe that 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.

For good and valuable consideration, the receipt and sufficiency of which are hereby
acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

OMRON Corporation

having the following address:

801, Minamifudodo-cho, Horikawahigashiiru
Shiokoji-dori, Shimogyo-ku, Kyoto-shi
Kyoto; 600-8530; JAPAN

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and
interest for the United States of America (including without limitation its territories and
possessions) in and to the invention described in the patent application identified above
(referred to herein as INVENTION), together with said patent application, all divisions,
continuations, continuations-in-part, reissues, and extensions thereof, and all United States
Letters Patent which may be granted therefor. Such interest represents the entire ownership
of said applications and Letters Patent when granted and is to be owned by COMPANY, its
successors, and assigns, or their legal representatives, for the full and entire term for which
such Letters Patent may be granted or extended, as fully and entirely as the same would
have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY, and acts that may be necessary to maintain and enforce the patents.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm Nutter McClennen & Fish LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

This Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

March 22, 2013

Date

Inventor Signature: Yoshitaka Taishi

Print or Type Name: Yoshitaka TAISHI

DECLARATION AND ASSIGNMENT – U.S. RIGHTS ONLY

Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") has/have invented:

☐ The attached application to be filed as a United States application or PCT international application, or

☒ United States application or PCT international application number 13/681,881 filed on November 20, 2012; and, entitled: TONER DENSITY SENSOR AND IMAGE FORMING APPARATUS

Regarding that application, each of the INVENTOR(S) declares the following:

- The above-identified application was made or authorized to be made by me.
- I believe that 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.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

OMRON Corporation

having the following address:

801, Minamifudodo-cho, Horikawahigashiiru
Shiokoji-dori, Shimogyo-ku, Kyoto-shi
Kyoto; 600-8530; JAPAN

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention described in the patent application identified above (referred to herein as INVENTION), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY, and acts that may be necessary to maintain and enforce the patents.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm Nutter McClennen & Fish LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

This Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

March 22, 2013

Date

Inventor Signature: Hajime Kawai

Print or Type Name: Hajime KAWAI