

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SHINJI OGAKI</td> <td>12/20/2010</td> </tr> <tr> <td>TETSUYUKI KATAYAMA</td> <td>12/14/2010</td> </tr> <tr> <td>KIYOHICO GONDO</td> <td>12/21/2010</td> </tr> <tr> <td>KATSUHIKO KATO</td> <td>12/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	SHINJI OGAKI	12/20/2010	TETSUYUKI KATAYAMA	12/14/2010	KIYOHICO GONDO	12/21/2010	KATSUHIKO KATO	12/16/2010
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KIYOHICO GONDO	12/21/2010										
KATSUHIKO KATO	12/16/2010										
<b>RECEIVING PARTY DATA</b>											
Name:	OMRON CORPORATION										
Street Address:	801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori										
Internal Address:	Shimogyo-ku, Kyoto-shi										
City:	Kyoto 600-8530										
State/Country:	JAPAN										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12941594</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12941594						
Property Type	Number										
Application Number:	12941594										
<b>CORRESPONDENCE DATA</b>											
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NAME OF SUBMITTER:	PSHIEK@FOLEY.COM										
Total Attachments: 6											

OP \$40.00 12941594

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**PATENT  
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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

OMRON CORPORATION  
801, Minamifudodo-cho  
Horikawahigashiiru, Shiokoji-dori  
Shimogyo-ku, Kyoto-shi  
Kyoto 600-8530 Japan

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

**PHOTOELECTRIC SENSOR**

as set forth in this United States Patent Application

*Check one*       executed concurrently herewith  
                   executed on \_\_\_\_\_  
                   Serial No. 12/941,594 Filed November 8, 2010  
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths,

affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

**NAME AND SIGNATURE OF INVENTOR**

NAME: SHINJI OGAKI      SIGNATURE: Shinji Ogaki      DATE: December 20, 2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: HIROKAZU YAUCHI      SIGNATURE: Hirokazu Yauchi      DATE: December 20, 2010

NAME: HIROYUKI TSUCHIDA      SIGNATURE: Hiroyuki Tsuchida      DATE: December 20, 2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: TETSUYUKI KATAYAMA      SIGNATURE: Tetsuyuki Katayama      DATE: December 14, 2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: TOSHIYA WATANABE      SIGNATURE: Toshiya Watanabe      DATE: December 14, 2010

NAME: HIROMASA OTOSE      SIGNATURE: Hiromasa Otose      DATE: December 14, 2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: KIYOHICO GONDO      SIGNATURE: Kiyohiko Gondo      DATE: December 21, 2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: YUSUKE IIDA      SIGNATURE: Yusuke Iida      DATE: December 21, 2010

NAME: TETSUO RYUGO      SIGNATURE: Tetsuo Ryugo      DATE: December 21, 2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: KATSUHIKO KATO      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

NAME: SHINJI OGAKI                      SIGNATURE: \_\_\_\_\_                      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_                      SIGNATURE: \_\_\_\_\_                      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_                      SIGNATURE: \_\_\_\_\_                      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: TETSUYUKI KATAYAMA      SIGNATURE: \_\_\_\_\_                      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_                      SIGNATURE: \_\_\_\_\_                      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_                      SIGNATURE: \_\_\_\_\_                      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: KIYOHICO GONDO      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

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NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: KATSUHIKO KATO      SIGNATURE: Katsuhiko Kato      DATE: December 16, 2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: AI KATO      SIGNATURE: Ai Kato      DATE: December 16, 2010

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

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