


Client Code: SHIGA9.005APC

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1) Kiyoshi KUROSAWA 2) Kazuomi SHIRAKAWA</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: The Tokyo Electric Power Company, Incorporated</p> <p>Street Address: 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku</p> <p>City: Tokyo Country: JAPAN</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>() Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name () Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1) December 28, 2007 2) December 28, 2007</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 11/817,958 Filing Date: September 6, 2007</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995</p> <p>Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: SHIGA9.005APC</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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.</p> <p><u>Eric M. Nelson</u> Name of Person Signing</p> <p><u>43,829</u> Registration No.</p> <p><u></u> Signature</p> <p><u>1/24/2009</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 3</p>	

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ASSIGNMENT

PATENT

WHEREAS, I/WE (1) Kiyoshi KUROSAWA
 a Japanese citizen, residing at Tokyo, Japan
 (2) Kazumichi SHIRAKAWA
 a Japanese citizen, residing at Tokyo, Japan
 (3) _____
 a _____ citizen, residing at _____

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in OPTICAL SENSOR, OPTICAL CURRENT SENSOR AND OPTICAL VOLTAGE SENSOR, the specification of which:

- (a) ☐ was executed on even date herewith;
 (b) ☐ was filed on _____ as o Application No. 0 / _____ or o Express Mail No., as Application No. not yet known _____ and was amended on _____ (if applicable); or
 (c) ☒ was described and claimed in PCT International Application No. PCT/JP2006/303872 filed on March 1, 2006 and as amended under PCT Article 19 on _____ (if any) and/or under PCT Article 34 on _____ (if any).

AND WHEREAS, The Tokyo Electric Power Company, Incorporated, with its principal place of business at 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo, Japan, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

F20060003
OSP 24184
US 2/2

This 28th day of December, 2007

K. Kurosawa
Signature of Kiyoshi KUROSAWA

This 28th day of December, 2007

Kazuomi SHIRAKAWA
Signature of Kazuomi SHIRAKAWA

This _____ day of _____, 2007

Signature of _____

Witnessed by:

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