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Atty. Docket No.: 9694H-000048/US Page 1 of 1

2.19.08

02-22-	2008
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To the I 103484 Please record the attached origin	
Name of conveying party(ies):	2. Name and address of receiving party(ies)
1. Hirokazu HOSHINO	Name: OMRON CORPORATION
2. Naoyuki KIMURA	Street Address: <b>801 Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori,</b>
3. Yusuke SHIMURA	Shimogyo-ku, Kyoto-shi
Additional name(s) of conveying party(ies) attached?  TYES NO	City KVOTO
3. Nature of conveyance:	City: <b>KYOTO</b>
Assignment	Country: <b>JAPAN</b> Postal Code: <b>600-8530</b>
Change of Name Other:	
Execution Date: 1. December 14, 2007; 2. December 14, 2007	Additional name(s) & address(es) attached?   YES   NO
3. December 14, 2007	
<ul><li>4. Application number(s) or patent number(s):</li><li>If this document is being filed together with a new application, the</li><li>A. Patent Application No(s).</li></ul>	B. Patent No.(s).
29/290,382	
Additional numbers attac	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total No. of applications/patents involved: One (1)
Name: HARNESS, DICKEY & PIERCE, P.L.C.	7. Total fee (37 C.F.R. § 3.41): \$40.00
Street Address: P.O. BOX 8910	⊠ Enclosed
City: RESTON State: VA ZIP: 20195	Authorized to be charged to deposit account, if no fee attached.
Country: USA	8. Deposit account number: <u>08-0750</u>
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9 Statement and signature.	nformation is true and correct and any attached copy is a true copy  February 19, 2008  Signature  Date
	eet, attachments, and document: Three (3)
Total number of pages mer and	02/21/2008 MJAMA1 00000019 29290382
	61 FC:8821 48.88 0P JAC/blg

## **ASSIGNMENT**

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

## PLUG

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for whi patent		ignor is	about to make or has made United States or International application for
	(a)		executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
	(b)		executed on,; or
	(c)	$\boxtimes$	filed on <u>November 29, 2007</u> , and assigned Serial No. <u>29/290,382</u> or PCT International Application No;
	(d)		U.S. Patent No, issued; and

WHEREAS, **OMRON** Corporation of 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 Japan, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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## **ASSIGNMENT**

Hirokazu Hoshino
First Inventor Hirokazu HOSHINO
December 14, 2007
Dated
Naoyuki Kimura
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Sixti inventor
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Dated

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PATENT REEL: 020553 FRAME: 0350