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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takashi Kasai	01/16/2012

RECEIVING PARTY DATA

Name:	OMRON Corporation	
Street Address:	801 Minamifudodo-cho, Horikawahigashiiru,	
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City:	Kyoto	
State/Country:	JAPAN	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13318261

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ATTORNEY DOCKET NUMBER: 109625-00004

NAME OF SUBMITTER: John J. Penny, Jr.

Total Attachments: 1

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PATENT

REEL: 027693 FRAME: 0478

ASSIGNMENT OF US NON-PROVISIONAL APPLICATION

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

OMRON Corporation 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, KYOTO 600-8530 JAPAN

(Hereinafter designated "ASSIGNEE") the right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention disclosed in U.S. Application No. 13/318,261 filed on October 31, 2011, which claims priority to Japanese Patent Application JP2011-036903 and PCT Application No. PCT/JP2011/056248, and any all divisions, continuations, substitutes, reissues thereof; and all applications claiming benefit thereto, and all resulting patents, known as

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RECORDED: 02/13/2012

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to THE said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the ASSIGNORS further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The ASSIGNORS also hereby grant the law firm of Nutter McClennen & Fish LLP LLP 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 United States Patent and Trademark Office for recordation of this documents.

Takashi KASAI	Jakashi Kasii		
(inventor)		,	
Dated this	day of Jum cury	2°12 , 2011; T.K	2012.1.11

PATENT REEL: 027693 FRAME: 0479