

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Makoto Asada	10/12/2007
RECEIVING PARTY DATA	
Name:	Hosiden Corporation
Street Address:	4-33, Kitakyuhoji 1-chome
City:	Yao-shi, Osaka
State/Country:	JAPAN
Postal Code:	581 0071
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11906999
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 1:	700 KOPPERS BUILDING
Address Line 2:	436 SEVENTH AVENUE
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219
ATTORNEY DOCKET NUMBER:	0388-073513
NAME OF SUBMITTER:	Richard L. Byrne Reg. No. 28,498
Total Attachments: 3 source=ASSIGN#page1.tif source=ASSIGN#page2.tif source=ASSIGN#page3.tif	

OP \$40.00 11906999

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Makoto ASADA

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Hosiden Corporation

Internal Address: _____

Street Address: 4-33, Kitakyuhoji 1-chome

City: Yao-shi

State: Osaka

Country: Japan Zip: 581 0071

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 12, 2007

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/906,999, filed October 04, 2007

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Russell D. Orkin

Internal Address: The Webb Law Firm

Street Address: 700 Koppers Building
436 Seventh Avenue

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-471-4094

Email Address: webblaw@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers 1059
Expiration Date 08/2010
b. Deposit Account Number 23-0650
Authorized User Name _____

9. Signature:


Signature

January 8, 2008

Date

Richard L. Byrne, Registration No. 28,498

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto HOSIDEN CORPORATION with offices at 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka 5810071, Japan (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

ROTARY TYPE PULSE SWITCH

as set forth in his United States Patent Application

executed concurrently herewith

executed October 12, 2007

Serial No. 11/906,999 Filed October 4, 2007

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives 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 the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, their successors, legal representatives or assigns he will communicate to said ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said

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Attorney Docket No.: 0388-073513

ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power 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.

Names and Signatures of Inventors:

Signature: Makoto Asada
Makoto ASADA

October 12, 2007
Date of this Assignment