

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenichi SATO</td> <td>09/24/2010</td> </tr> <tr> <td>Hiroshi OSHIGE</td> <td>09/24/2010</td> </tr> <tr> <td>Takeshi HANIU</td> <td>09/24/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kenichi SATO	09/24/2010	Hiroshi OSHIGE	09/24/2010	Takeshi HANIU	09/24/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>NIPPON PISTON RING CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>5-12-10, Honmachi-Higashi</td> </tr> <tr> <td>City:</td> <td>Chuo-ku, Saitama City</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>Saitama 3388503</td> </tr> </table>		Name:	NIPPON PISTON RING CO., LTD.	Street Address:	5-12-10, Honmachi-Higashi	City:	Chuo-ku, Saitama City	State/Country:	JAPAN	Postal Code:	Saitama 3388503
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CORRESPONDENCE DATA											
Fax Number: (202)628-8844 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202-624-2500 Email: bmunoz@crowell.com Correspondent Name: CROWELL & MORING LLP Address Line 1: P.O. BOX 14300 Address Line 2: INTELLECTUAL PROPERTY GROUP Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20044-4300											
ATTORNEY DOCKET NUMBER:	106676.62853US										
NAME OF SUBMITTER:	Robert L. Grabarek Jr.										
Total Attachments: 2 source=62853USAssignment#page1.tif											

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PATENT
REEL: 025062 FRAME: 0011

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:

**NIPPON PISTON RING CO., LTD.,
5-12-10, Honmachi-Higashi
Chuo-ku, Saitama City
Saitama 3388503
JAPAN**

(hereinafter ASSIGNEES) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**IRON-BASED SINTERED ALLOY FOR VALVE SEAT, AND VALVE SEAT FOR INTERNAL
COMBUSTION ENGINE**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,
☐ executed on _____,
☐ Application No. _____ filed _____,
☒ PCT International Application, No.: PCT/JP2009/055982, filed March 25, 2009.

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, to be held and enjoyed by said ASSIGNEES, its 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 ASSIGNEES, its 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 he will communicate to said ASSIGNEES, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he 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 ASSIGNEES, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEES, its successors, or assigns or to assist said ASSIGNEES, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING LLP.**, or any partner thereof, 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.

Inventor one:
Citizen of: Japan

Kenichi SATO

(Signature of witness (optional))

Kenichi SATO
(Signature of 1st inventor)

September 24, 2010
(Date)

Inventor two:
Citizen of: Japan

Hiroshi OSHIGE

(Signature of witness (optional))

Hiroshi Oshige
(Signature of 2nd inventor)

September 24, 2010
(Date)

Inventor three:
Citizen of: Japan

Takeshi HANIU

(Signature of witness (optional))

Takeshi HANIU
(Signature of 3rd inventor)

September 24, 2010
(Date)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.