

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hironao Yokoi</td> <td>08/07/2009</td> </tr> <tr> <td>Shigeru Suzuki</td> <td>08/07/2009</td> </tr> <tr> <td>Katsumi Yamashita</td> <td>08/07/2009</td> </tr> <tr> <td>Toshiro Fujii</td> <td>08/07/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hironao Yokoi	08/07/2009	Shigeru Suzuki	08/07/2009	Katsumi Yamashita	08/07/2009	Toshiro Fujii	08/07/2009
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CORRESPONDENCE DATA											
Fax Number: (215)568-3439 Phone: 2155683100 Email: clausz@woodcock.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Michael P. Dunnam, Esquire Address Line 1: Cira Centre, 12th Floor Address Line 2: 2929 Arch Street Address Line 4: Philadelphia, PENNSYLVANIA 19104											
ATTORNEY DOCKET NUMBER:	SUNS-0021										
NAME OF SUBMITTER:	Gina Clausz										
Total Attachments: 3 source=executedassignment#page1.tif source=executedassignment#page2.tif source=executedassignment#page3.tif											

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DOCKET NO.: SUNS-0021

PATENT
Joint Inventors
(Pending Application;
Application No. Unknown)

ASSIGNMENT

WHEREAS, we Hironao Yokoi, Shigeru Suzuki, Katsumi Yamashita, and Toshiro Fujii, hereinafter referred to as the assignors, residing respectively at C/O KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, 2-1, Toyoda-Cho, Kariya-Shi, Aichi-Ken, 448-8671, Japan are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Case No. SUNS-0021, entitled

VARIABLE DISPLACEMENT ROTARY PUMP

; and

WHEREAS, KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, hereinafter referred to as the assignee, of 2-1, Toyoda-Cho, Kariya-Shi, Aichi-Ken, 448-8671, Japan, a corporation of Japan, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to

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obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

We further authorize and direct our attorneys to insert below* the application number and filing date of said application now identified as Case No. **SUNS-0021** as soon as the same shall have been made known to them by the United States Patent Office.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

August 7, 2009
Date

Hironao Yokoi (L.S.)
Hironao Yokoi

August 7, 2009
Date

Shigeru Suzuki (L.S.)
Shigeru Suzuki

August 7, 2009
Date

Katsumi Yamashita (L.S.)
Katsumi Yamashita

August 7, 2009
Date

Toshiro Fujii (L.S.)
Toshiro Fujii

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*The above assignment covers Application No.
12/546,438, filed on August 24, year of 2009.

The above insertion made by me this 10th day of
January, year of 2012

of Michael P. Dunnam
WOODCOCK WASHBURN LLP
Name: Michael P. Dunnam
Registration No. 32,611