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Akihito YAMANOUCI, Masahiro KAWAGUCHI, Masao IGUCHI, Xiaoliang WANG and Satoshi UMEMURA

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Execution Date: **July 12, 2004**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No. **10/889,394** Filing date **July 12, 2004**

B. Patent No.(s)

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

Name: **Ken I. Yoshida**Registration No. **37,009**Address: **KNOBLE YOSHIDA & DUNLEAVY LLC****Eight Penn Center, Suite 1350****1628 John F. Kennedy Blvd.**City: **Philadelphia** State/Prov.: **PA**Country: **USA** ZIP: **19103**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41):.....\$ **40.00**

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ASSIGNMENT

FOR VALUE RECEIVED We, Akihito Yamanouchi, Masahiro Kawaguchi, Masao Iguchi, citizens of Japan, Xiaoliang Wang, a citizen of China, and Satoshi Umemura, a citizen of Japan,

residing respectively, at c/o KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, 2-1, Toyoda-cho, Kariya-shi, Aichi-ken, 448-8671, Japan

hereby sell, assign, transfer and convey unto KABUSHIKI KAISHA TOYOTA JIDOSHOKKI,

a corporation of Japan

having a place of business at 2-1, Toyoda-cho, Kariya-shi, Aichi-ken, 448-8671, Japan

(hereinafter called the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to

FLUID MACHINE SERVED AS EXPANSION DEVICE AND COMPRESSION DEVICE

and described in an application for Letters Patent of the United States executed by us on even date herewith,

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent which may be filed, and all Letters Patent which may be granted, upon said inventions in any countries foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and all officials of countries foreign to the United States having authority so to do, to issue all Letters Patent upon said inventions to the Assignee, its successors, assigns or legal representatives or to such nominee as it may designate.

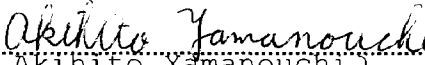

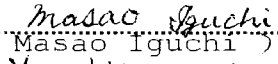
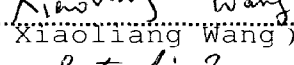

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AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

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IN TESTIMONY WHEREOF, we hereunto set our hand and seal this 12th day of July, 2004


 (L.S.)
 Akihito Yamanouchi

 (L.S.)
 Masahiro Kawaguchi

 (L.S.)
 Masao Iguchi

 (L.S.)
 Xiaoliang Wang

 (L.S.)
 Satoshi Umemura