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Yoshihiro MAKINO, Atsushi SHIMIZU,
Masahiro KAWAGUCHI, and
Masaki OTA

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

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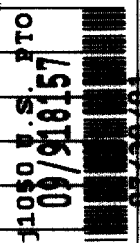
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Name: KABUSHIKI KAISHA TOYODA JIDOSHOKKI
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City: Kariva-shi State: Aichi-ken Country: JAPAN



3. Nature of Conveyance:

- Assignment Merger
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Execution Date(s): July 11, 2001

09/918157

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

If this document is being filed together with a new application, the execution date of the application is July 11, 2001
A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Steven F. Meyer
Internal Address: Morgan & Finnegan, L.L.P.
Street Address: 345 Park Avenue
City: New York State: New York Zip: 10154-0053

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)..... \$ 40.00

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Steven F. Meyer (35.613)
Name of Person Signing

Steven F. Meyer
Signature

July 30, 2001
Date

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639835 v1

PATENT
REEL: 012056 FRAME: 0852

Assignment

FOR VALUE RECEIVED We, Yoshihiro Makino, Atsushi Shimizu,
Masahiro Kawaguchi and Masaki Ota

citizens of Japan

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

hereby sell, assign, transfer and convey unto KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO

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

EXTERNAL CONTROL VARIABLE DISPLACEMENT COMPRESSOR

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.

AND we authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from US.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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.

AND we hereby covenant and agree that we will communicate to said Assignee, its successors, assigns and legal representatives, all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and in general perform all lawful acts necessary or proper to aid said Assignee, its successors, assigns and legal representatives or nominee in obtaining, maintaining and enforcing lawful patent protection for said inventions in any and all countries.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal this 11th day of July, 2001

Yoshihiro Makino L.S.
Yoshihiro Makino
Atsushi Shimizu L.S.
Atsushi Shimizu
Masahiro Kawaguchi L.S.
Masahiro Kawaguchi
Masaki Ota L.S.
Masaki Ota
..... L.S.