CUSTOMIZED FORM PTO-1619A

**534** Rec'd PCT/FTT **07** JUL 2000

08-09-2000

101427497

VER SHEET

Y

TO: The Commissioner of Patents and Trademarks: Please record the attached original documents(s) or copy(ies). **Submission Type Conveyance Type** |X | New **X** Assignment Resubmission (Non-Recordation) - Document ID # License Correction of PTO Error - Reel # Frame # Security Agreement Corrective Document - Reel # Frame # Merger Execution Date - Month/Day/Year **Conveying Party(ies)** 1. Masahiro ONODERA 1. 6/28/00 2. Masamichi SUKEGAWA 2. 6/28/00 3. Kiyoshi YASUI 3. 6/28/00 4. Tatsuo WATANABE 4. 6/28/005. Toyomi SATO 5. 6/28/00 6. Yasushi MURAI 6. 6/28/00 1/582937 7. Katsuharu IINUMA 7. 6/28/00Receiving Party(ies) 1. Name: MEIJI SEIKA KAISHA LTD. Address: 4-16. Kyobashi 2-chome, Chuo-ku, Tokyo, JAPAN Tel No. 703-739-4900 Correspondent Name and Address Name: THOMAS P. SARRO Docket No.: P06791US00 LARSON & TAYLOR, PLC • 1199 No. Fairfax St. • Suite 900 • Alexandria, VA 22314-1437 Pages: Enter the total number of pages of the attached conveyance document including any attachments Application Number(s) or Patent Number(s) (DO NOT ENTER BOTH numbers for the same property) 7/11/2000 ASIZON PORCEOUS ASSESSMENT Number(s) Patent Number(s) 03 Ftt:581 This document is being filed together with a <u>new</u> patent application. Month Day Year 28 00 The date the patent application was signed by the first named inventor is: Patent Cooperation Treaty (PCT) PCT/JP99/00020 Enter Number only if a US Appl. No. has not been assigned **Number of Properties** Enter the total number of properties involved

Statement and Signature

Fee Amount

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit are authorized, as indicated herein.

Payment is **Enclosed** (Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555)

Name: DOUGLAS E. JACKSON

\$40.00

Fee Amount for Properties Listed (37 CFR 3.41)

**PATENT** 

REEL: 010973 FRAME: 0146

## **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:

## BOEHRINGER WERKZEUGMASCHINEN GMBH Stuttgarter Str. 50 73033 Göppingen Germany

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

## CRANKSHAFT PRODUCTION METHOD

as	set	fort	n in his United States Patent Application (check one):
	_		executed concurrently herewith,
	_	X	was filed as PCT international application Number PCT/EP 98/07233 on
			November 11, 1998
	-		Serial No, filed,

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 ASSIGNEE, 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 ASSIGNEE, 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 ASSIGNEE, 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 ASSIGNEE, 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 ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, 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 EVENSON, MCKEOWN, EDWARDS & LENAHAN, P.L.L.C., 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.

PATENT REEL: 010973 FRAME: 0147 **ASSIGNMENT** 

Page 2 of 2

Post Office Address/

Matthias Kohlhase

Germany

Kastanienweg 16

78713 Schramberg-Sulgen

Residence:

INVENTOR:

Citizenship:

(signature of 1st inventor)

INVENTOR:

Citizenship:

Post Office Address/

Residence:

1€.05.2000

(date)

Rolf Santorius

Germany

Germany

Sonnenrain 14

73066 Uhingen-Nassachmühle

Germany

(signature of 2nd inve

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.

**RECORDED: 07/07/2000** 

PATENT REEL: 010973 FRAME: 0148

Attorney Docket No: