



To The Honorable Commissioner of Patents  
thereof.

101447775

Attached original documents or copy

1. Name of conveying party(ies):  
**Takayuki Kato, Masato Takamatsu, Seiji Katayama  
and Shigeo Fukushima**

*M20 8.3.00*

Additional name(s) of conveying party(ies)  
attached? ( ) YES (XX) NO

3. Nature of Conveyance:  
(XX) Assignment ( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

Execution Date(s): **May 23, 2000**

2. Name and address of receiving party(ies):

Name: **Kabushiki Kaisha Toyoda Jidoshokki Seisakusho**

Address: **2-1, Toyoda-cho, Kariya-shi, Aichi-ken,  
448-8671, Japan**

Additional name(s) & address attached? ( ) YES (XX) NO

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:

A. Patent Application No.(s)

**09/583,119**

B. Patent No.(s)

N/A.

Additional numbers attached? ( ) YES (XX) NO

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

Name: **Michael P. Dunnam, Esquire**

Internal Address: **WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
Philadelphia, Pennsylvania 19103-7301**

Street Address: **WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
1650 Market Street  
Philadelphia, Pennsylvania 19103-7301**

6. Total number of applications and patents involved:  
**One (1)**

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

(X) Enclosed

( ) Authorized to be charged to Deposit Account  
Number 23-3050

8. Please charge any deficiency or credit any  
overpayment to Deposit Account Number 23-3050

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9. Statement and signature.

*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.*

**Michael P. Dunnam; 32,611**

*Michael P. Dunnam*  
Signature

July 31 2000

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

08/30/2000 MTHA11 00000276 09583119  
01 FC:581 40.00 OP

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

**DOCKET NO.: TALW-0125**

**(Pending Application;  
Serial No. Known)**

**ASSIGNMENT**

WHEREAS, we, Takayuki KATO, Masato TAKAMATSU, Seiji KATAYAMA, and Shigeo FUKUSHIMA, hereinafter referred to as the assignors, residing respectively at Kariya-shi, Aichi-ken, Japan; Kariya-shi, Aichi-ken, Japan; Kariya-shi, Aichi-ken, Japan; and Kariya-shi, Aichi-ken, 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 Serial No **09/583,119** filed **5/30/00** entitled **BLANK USED FOR MANUFACTURING SINGLE-HEADED PISTON, AND METHOD OF PRODUCING THE BLANK**; and

WHEREAS, KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, hereinafter referred to as the assignee, of 2-1, Toyoda-cho, Kariya-shi, Aichi-ken, 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 and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, 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, and 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 obtain and enforce for

**PATENT  
Joint Inventors**

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.

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

May 23, 2000  
\_\_\_\_\_ (L.S.)

*Takayuki Kato*  
\_\_\_\_\_

May 23, 2000  
\_\_\_\_\_ (L.S.)

*Masato Takamatsu*  
\_\_\_\_\_

May 23, 2000  
\_\_\_\_\_ (L.S.)

*Seiji Katayama*  
\_\_\_\_\_

May 23, 2000  
\_\_\_\_\_ (L.S.)

*Shigeo Fukushima*  
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