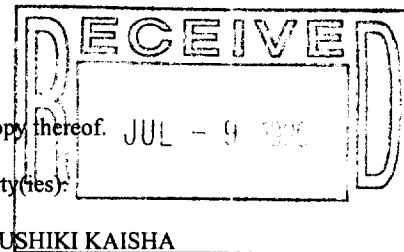


07-12-1999



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TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Masahiko Kato
2. Takayuki Sato
3. Hiroaki Fujimoto

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

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

Name: SANSHIN KOGYO KABUSHIKI KAISHA

Address: 1400 Nippashi-cho, Hamamatsu-shi,
Shizuoka-ken, Japan

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) March 26, 1999

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

() Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 09/277,231
Filing Date: March 26, 1999() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

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

Name:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive

City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: SANSH4.919A

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

(X) Enclosed

() Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Ernest A. Beutler

Name of Person Signing

Signature

July 6, 1999

Date

19.901

Registration No.

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

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01 FC:581

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231E:\DOCS\TYN\TYN-1082.DOC
070199

ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred as Assignors, have invented new and useful improvements in:

COOLING ARRANGEMENT FOR DIRECT INJECTED ENGINE

for which Assignors are about to make application for United States Letters Patent; and

WHEREAS, **SANSHIN KOGYO KABUSHIKI KAISHA**, doing business as Sanshin Industries Co., Ltd., a corporation of Japan, with its principal office at 1400 Nippashi-cho, Hamamatsu-shi Shizuoka-ken, Japan, referred to as Assignees, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors by these presents do hereby sell, assign, transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America to the said invention as described in the specification executed by Assignors of even date preparatory to obtaining Letters Patent of the United States therefor, said application for Letters Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by us had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of application for Letters Patent of the United States of America, for litigation regarding or for the purpose of protecting title to the said invention or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and we hereby request the Commissioner of Patents to issue said Letters Patent showing such interest in Assignee.

Masahiko Kato
Masahiko Kato

Date: March 26, 1999

Residence: **1400 Nippashi-cho, Hamamatsu-shi
Shizuoka-ken, Japan**

Citizen: Japan

Takayuki Sato
Takayuki Sato

Date: Mar. 26, 1999

Residence: **1400 Nippashi-cho, Hamamatsu-shi
Shizuoka-ken, Japan**

Citizen: Japan

Hiroaki Fujimoto
Hiroaki Fujimoto

Date: March. 31. 1999

Residence: **1400 Nippashi-cho, Hamamatsu-shi
Shizuoka-ken, Japan**

Citizen: Japan

Witness: _____

Date: _____

Witness: _____

Date: _____

Witness: _____

Date: _____