



05-18-2000



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To the Assistant Commissioner for Patents, Trademarks, and Copyrights, U.S. Patent and Trademark Office, Washington, DC 20503-0001  
Send original documents or copy thereof.

5/15/00

1. Name of conveying party(ies): **Re**  
Kenichiro SHINDO Yoshitsugu INAGUMA  
Akihiro YAMANAKA Kenzo YANO  
Katsuhiko HIROSE Tatsuya ICHIKAWA  
Akira SHIBATA

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other Correction of 4/18/97 recordal

Execution Date: 1 April 1997

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

Name: **TOYOTA JIDOSHA KABUSHIKI KAISHA**  
Internal Address:  
Street Address: **1, Toyota-cho, Toyota-shi  
Aichi-ken, JAPAN**

Name: **NIPPONDENSO COMPANY, LTD.**  
Internal Address:  
Street Address: **1, Showa-cho, 1-chome  
Kariya-shi, Aichi-ken 448, JAPAN**

Additional name(s) & address(es) attached?  Yes  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) 08/781,166

B. Patent No.(s):

**08/781166**

Additional numbers attached:  Yes  No

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

Sterlon R. Mason  
Kenyon & Kenyon  
1500 K Street, N.W., Suite 700  
Washington, DC 20005

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

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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.

Sterlon R. Mason  
Name of Person Signing

*Sterlon R. Mason*  
Signature for: Sterlon R. Mason

15 May 2000  
Date

Total number of pages including cover sheet, attachments, and document: 7

**ASSIGNMENT**

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WHEREAS, WE, (1) Kenichiro SHINDOH, (2) Akihiro YAMANAKA, (3) Katsuhiko HIROSE, (4) Akira SHIBATA, (5) Yoshitsugu INAGUMA, (6) Kenzo YANO and (7) Tatsuya ICHIKAWA, citizens of JAPAN (hereinafter INVENTORS), residing at:

- (1) 27-3, 2-chome Senpukugaoka, Susono-shi, Shizuoka-ken 410-11, JAPAN
- (2) 27-11, 2-chome Senpukugaoka, Susono-shi, Shizuoka-ken 410-11, JAPAN
- (3) 27-11, 2-chome Senpukugaoka, Susono-shi, Shizuoka-ken 410-11, JAPAN
- (4) 1-1, 2-chome Imaike-cho, Anjo-shi, Aichi-ken 466, JAPAN
- (5) 7-3-121, Nadaka, Yokone-cho, Oobu-shi, Aichi-ken 474, JAPAN
- (6) 14-461, Jubuki-cho, Okazaki-shi, Aichi-ken 444, JAPAN and
- (7) 1-506, Takakura-cho, Kariya-shi, Aichi-ken 448, JAPAN,

respectively, are the joint inventors of subject matter disclosed in an application for United States Letters Patent entitled **FUEL INJECTION APPARATUS FOR ENGINE** which was filed in the United States Patent and Trademark Office on January 9, 1997, and assigned Serial Number 08/781,166.

WHEREAS, **TOYOTA JIDOSHA KABUSHIKI KAISHA**, a corporation of JAPAN, having a business office at **1, Toyota-cho, Toyota-shi, Aichi-ken, JAPAN**, and **NIPPONDENSO COMPANY, LTD.**, a corporation of JAPAN, having a business office at **1, Showa-cho 1-chome, Kariya-shi, Aichi-ken 448, JAPAN** (hereinafter ASSIGNEES) are desirous of acquiring the entire right, title and interest in and to said application and the invention therein described and claimed, and to any Letters Patent that may be granted therefor in the United States.

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) lawful money of the United States, and other valuable considerations, in hand paid to us, the receipt and sufficiency whereof is hereby acknowledged, the said Inventors have sold, assigned and transferred and do hereby sell, assign and transfer unto ASSIGNEES, their successors and assigns, the entire right, title and interest in and to said application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America and in any and all foreign countries on said invention, and any and all other applications for Letters Patent on said invention, in whatsoever countries, including all divisions, reissues, continuations and extensions thereof, and Convention applications based upon said invention or upon said application, to the full end of the term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention, said application, or said Letters Patent, the same to be held and enjoyed by ASSIGNEES, their successors and assigns.

WE HEREBY authorize and request the U.S. Patent and Trademark Office to issue any and all of said Letters Patent, when granted, to ASSIGNEES as the assignees of our entire undivided right, title and interest in and to the same, for the sole use and behoof of ASSIGNEES, their successors and assigns.

FURTHER, WE agree that we will communicate to ASSIGNEES or their representatives any facts known to us respecting said INVENTION, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEES, make all rightful oaths and generally do everything possible to aid ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said INVENTION in the United States and its territorial possessions.

IN TESTIMONY WHEREOF, We have hereunto set our hands:

1) Kenichiro Shindoh April 1, 1997  
Kenichiro SHINDOH date

2) Akihiro Yamanaka April 1, 1997  
Akihiro YAMANAKA date

3) Katsuhiko Hirose April 1, 1997  
Katsuhiko HIROSE date

4) Akira Shibata April 1, 1997  
Akira SHIBATA date

5) Yoshitsugu Inaguma April 1, 1997  
Yoshitsugu INAGUMA date

6) Kenzo Yano April 1, 1997  
Kenzo YANO date

7) Tatsuya Ichikawa April 1, 1997  
Tatsuya ICHIKAWA date

Witness: Hiroki Murata April 1, 1997  
Hiroki MURATA date

Witness: Masaki Kusada. April 1, 1997  
Masaki kusada. date