FORM PTO-1595

(Rev. 6-93)

RECO'

10-30-2001

EET

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

TOYOTA JIDOSHA

KABUSHIKI KAISHA

1, Toyota-CHO, Toyota-shi

Aichi -ken 471-8571 Japan

Additional name(s) & address(es) attached? □Yes ⊠No

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101890262

Name:

Address:

To the Honorable Commissioner of Patents and Trademarks

ned original documents or copy thereof.

1. Name of conveying party(ies):

Osamu Hosokawa, Noboru Takagi and Takahide

Kyuuma

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

3. Nature of conveyance:

OMB No. 0651-0011(exp. 4/94)

Assignment

Execution Date:

□ Merger

□ Security Agreement

☐ Change of Name

Other_____

October 18, 2001

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)

B. Patent No.(s)

Additional numbers attached: □ Yes ⊠ No

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

John C. Altmiller Kenyon & Kenyon 1500 K Street, N.W., Suite 700 Washington, DC 20005-1257

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)

DO NOT USE THIS SPACE

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.

John C. Altmiller

Name of Person Signing

Sighature

October 23, 2001

Date

Total number of pages including cover sheet: 2

OMB No. 0651-0011 (exp. 4/94)

10/29/2001 GTON11

00000206 110600

D1 FC:581

40.00 CH

PATENT REEL: 012286 FRAME: 0234

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

Sell(s), assign(s) and transfer(s) to TOYOTA JIDOSHA

KABUSHIKI KAISHA (hereinafter referred to as "ASSIGNEE"), which
has a business office at 1, Toyota-cho, Toyota-shi, Aichi-ken
471-8571 Japan, the entire right, title, and interest in any
and all inventions and improvements disclosed in,
application(s) based upon, and Patent(s) granted upon the
information which is disclosed in the application entitled:

CONTROL APPARATUS AND CONTROL METHOD FOR DIRECT INJECTION ENGINE

(File No.______) for which I (we) have executed an
application for a United States Letters Patent or

CONTROL APPARATU	IS AND CONTROL METHOD FOR	R DIRECT INJECTION ENGINE	
application for) for which I (we r a United States Le ation Serial No		<u> </u>
any and all Le	tters Patents result	missioner of Patents to issue ing from said application, or tute or reissue thereof, to	?
3) Agree to acts which are	execute all papers a reasonably necessar	nd documents and perform any y in connection with the	

prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my (our) signature(s).

RECORDED: 10/23/2001

1) Osami	i Hosokawa	Date: October 18, 20)01
Name:	Osamu HOSOKAWA		
2) <u>Nebor</u>	u Talsagi Noboru Takagi	Date: October 18, 20	001
			001
~ Taka	hide Kymuma	Date: October 18, 2	UUI
Name:	hide Kyuuma Takahide KYUUMA		
Witness:	Kazuhiro Iwakashi.	Date: October 18, 2	001
Witness:	Tryon Hirose	Date: October 18, 2	2001
Name:			

PATENT REEL: 012286 FRAME: 0235