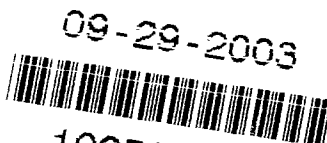


9/22/03



Atty Docket No.: 241510US3

FORM PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States Patent and Trademark Office.

original documents or copy thereof.

1. Name of conveying party(ies):

Naoyuki SAKAMOTO, Toshimitsu SATO, Hisanori NOMOTO,
Hiromichi KIMURA, Toshio SUGIMURA and Masumi WADA

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

Name: TOYOTA JIDOSHA KABUSHIKI KAISHA

Address: 1, Toyota-cho, Toyota-shi,
Aichi-ken, 471-8571 Japan

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: August 6, 2003

Additional name(s) and 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)

10/639,649

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total 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: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

C. Irvin McClelland

Name of Person Signing

Signature

Date

Registration Number: 21,124

Total number of pages including this cover sheet: 3

Do not detach this portion

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

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

09/26/2003 6TDM11

00000131 10639649

01 FC:8021

40.00 OP

PATENT
REEL: 014520 FRAME: 0854

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Naoyuki SAKAMOTO of Toyota-shi, Aichi-ken, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

Toshimitsu SATO of Toyota-shi, Aichi-ken, Japan

Hisanori NOMOTO of Nisshin-shi, Aichi-ken, Japan

Hiromichi KIMURA of Okazaki-shi, Aichi-ken, Japan

Toshio SUGIMURA of Nagoya-shi, Aichi-ken, Japan

Masumi WADA of Toyota-shi, Aichi-ken, Japan

INSERT TITLE
OF INVENTION:

_____, respectively,

have invented certain new and useful improvements in: HYDRAULIC PRESSURE CONTROL APPARATUS FOR

VEHICULAR AUTOMATIC TRANSMISSION AND CONTROL METHOD FOR HYDRAULIC FRICTIONAL
ENGAGEMENT DEVICE OF VEHICULAR AUTOMATIC TRANSMISSION

for which an application for Letters Patent was executed on _____

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

(Application No. 10/639,649, filed August 13, 2003), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Toyota-cho, Toyota-shi, Aichi-ken,
471-8571 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

PATENT
REEL: 014520 FRAME: 0855

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>August 6, 2003</u>	<u>Naoyuki Sakamoto</u> (Signature of Inventor) Naoyuki SAKAMOTO
Date: <u>August 6, 2003</u>	<u>Toshimitsu Sato</u> (Signature of Inventor) Toshimitsu SATO
Date: <u>August 6, 2003</u>	<u>Hisanori Nomoto</u> (Signature of Inventor) Hisanori NOMOTO
Date: <u>August 6, 2003</u>	<u>Hiromichi Kimura</u> (Signature of Inventor) Hiromichi KIMURA
Date: <u>August 6, 2003</u>	<u>Toshio Sugimura</u> (Signature of Inventor) Toshio SUGIMURA
Date: <u>August 6, 2003</u>	<u>Masumi Wada</u> (Signature of Inventor) Masumi WADA
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03