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To the Honorable Commissioner



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1. Name of conveying party
Kenji SHIRAI, Yasu
KURASAKO and Kazuhiko IMAI

101061164

Name and address of receiving party(ies)

Name: Toyota Jidosha Kabushiki Kaisha
Internal Address: _____

Additional name(s) of conveying parties attached? Yes No

Street Address: 1, Toyota-cho, Toyota-shi

City: Aichi State: Japan ZIP: 471-8571

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution dates: March 9, March 9, March 11, March 11, 1999

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

4. Application numbers or patent numbers:

If this document is being filed together with a new application, the execution dates of the application are: March 9, March 9, March 11, March 11, 1999

A. Patent Applications: Herewith

B. Patent No.(s)

Additional Numbers attached? Yes No

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

Name: Edward W. Greason
Internal Address: KENYON & KENYON
Street Address: One Broadway
City: New York State: New York ZIP: 10004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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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

04/02/1999
03 FC:581
Edward W. Greason (Reg. No. 18,918)

Edward W. Greason
Signature

April 2, 1999
Date

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PATENT
REEL: 010009 FRAME: 0023

ASSIGNMENT

WHEREAS, WE, Kenji SHIRAI, Ryoichi KURASAKO, Yasunori YOSHINO
and Kazuhiko IMAI, citizens of
Japan, residing at Mishima-shi, SHIZUOKA, JAPAN; Gotenba-shi, SHIZUOKA,
JAPAN; Toyota-shi, AICHI, JAPAN; and Toyota-shi, AICHI, JAPAN

respectively, have invented new and useful improvements in
BRAKING SYSTEM INCLUDING MOTOR-DRIVEN DISC BRAKE EQUIPPED WITH
SELF-SERVO MECHANISM

for which we are about to make application for Letters Patent
of the United States, said application having been executed by us
on even date herewith; and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA,
a Company of Japan, having its place of business at _____
1, Toyota-cho, Toyota-shi, AICHI 471-8571, JAPAN

(hereinafter referred to as the Assignee), is desirous of acquir-
ing the entire right, title and interest in and to the application
and the invention therein described and claimed and any Letters
Patent that may be issued upon the application or for the
improvements therein contained.

NOW, THEREFORE, for and in consideration of the
equivalent sum of One Dollar (\$1.00) to us in hand paid, the
receipt and sufficiency whereof is hereby acknowledged, we
have sold, assigned and transferred, and do hereby sell, assign
and transfer unto the Assignee, its successors and assigns, the
entire right, title and interest in and to the application and
the invention therein contained, including the right to apply
for any Letters Patent in the United States of America on the
invention, any any Letters Patent that may issue thereon or
therefor, in the United States, and all reissues, extensions,

renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued, the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by us if this Assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

We hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and we bind ourselves, our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And we further covenant and agree, in consideration of the premises that we, our executors and administrators, will at any time upon request communicate to the Assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any

interference or other litigation when requested so to do by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9th day of March, 1999.

Kenji Shirai

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9th day of March, 1999.

Ryoichi Kurasako

WITNESSED BY:

Takayuki Yamamoto

Name

c/o TOYOTA JIDOSHA KABUSHIKI KAISHA,

1, Toyota-cho, Toyota-shi, AICHI 471-8571, JAPAN

Address

WITNESSED BY:

Shingo Urababa

Name

c/o TOYOTA JIDOSHA KABUSHIKI KAISHA,

1, Toyota-cho, Toyota-shi, AICHI 471-8571, JAPAN

Address

IN TESTIMONY WHEREOF, I have hereunto set my hand and
seal this 11th day of March, 1999.

Yasunori Yoshino

IN TESTIMONY WHEREOF, I have hereunto set my hand and
seal this 11th day of March, 1999.

Kazuhiko Inai

WITNESSED BY:

Akihiro Otomo
Name

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Address

WITNESSED BY:

Satoru Niwa
Name

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