

FORM PTO-1585

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09-23-2003



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party:

Masaaki Kaneko
Hitoshi Sato

9-12-03

2. Name and address of receiving party(ies)

Name: Toyota Jidosha Kabushiki Kaisha

Internal Address: _____

Additional name(s) of conveying parties attached? ☐ Yes ☒ NoStreet Address: 1, Toyota-cho, Toyota-shi, Aichi-ken,
471-8571, Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other: _____Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution date: September 8, 2003

4. Application numbers or patent numbers:

If this document is being filed together with a new application, the execution date of the application is:
September 8, 2003.

A. Patent Applications

10660603

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

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

Name: David J. Zibelli, Esq.
Internal Address: KENYON & KENYONStreet Address: 1500 K Street, N.W., Suite 700
City: Washington, D.C. ZIP: 20005-12576. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

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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.

David J. Zibelli, Reg. No. 36,394

Name of Person Signing

Signature

September 12, 2003

Date

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ASSIGNMENT

WHEREAS, we, Masaaki KANEKO and Hitoshi SATO,
citizens of Japan, residing at Kariya-shi, Aichi-ken, Japan and
Kagamihara-shi, Gifu-ken, Japan, respectively, have invented new
and useful improvements in REACTOR UNIT

___ 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-ken, 471-8571 Japan (hereinafter referred
to as the Assignee), is desirous of acquiring 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 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

8 day of September, 2003.

Masaaki Kaneko
(Masaaki KANEKO)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this

8 day of September, 2003.

Hitoshi Sato
(Hitoshi SATO)

WITNESSED BY:

Hiroshi Naito

Name Hiroshi NAIKI

Address

WITNESSED BY:

Hitoshi Sato

Name Hitoshi SATO

Address