

03-22-2005



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To the Director of the U.S. Patent
Please record the attached origin:

1. Name of conveying party(ies)
Toshitake SASAKI
Kiyohito MURATA
Yuji ITOH

2. Name and address of receiving party(ies):
Name: TOYOTA JIDOSHA KABUSHIKI KASHA

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

Internal Address:

3. Nature of conveyance:

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

Assignment Merger

City: Aichi-ken, 471-8571, Japan

Security Agreement Change of Name

State: Zip Code:

Other: [Describe]

Additional name(s) & Address(es) attached?

Execution Date: January 20, 2005

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: January 20, 2005

A. Patent Application Number(s):

Additional numbers attached? Yes No

B. Patent Number(s):

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

6. Total number of applications and registrations involved:
1

Name: James W. Edmondson

7. Total fee (37 CFR 3.41): \$40
 Enclosed (Please charge deficiency to deposit account)
 Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, N.W.

City: Washington, D.C.

State: Zip: 20001-4413

8. Deposit Account No.: 06-0916

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.

James W. Edmondson

Signature

March 10, 2005

Date

Total number of pages including cover sheet, attachments and documents: 2

3-10-05

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ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

HXHAUST HEAT RECOVERY SYSTEM

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 20 _____ (Application No. _____); and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA
a corporation of Japan

whose post office address is 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Toshitake SASAKI	ASSIGNOR'S SIGNATURE <i>Toshitake Sasaki</i>	DATE January 20, 2005
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan		CITIZENSHIP JAPAN
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Kiyohito MURATA	ASSIGNOR'S SIGNATURE <i>Kiyohito Murata</i>	DATE January 20, 2005
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan		CITIZENSHIP JAPAN
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Yuji ITOH	ASSIGNOR'S SIGNATURE <i>Yuji Itoh</i>	DATE January 20, 2005
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan		CITIZENSHIP JAPAN