



03-04-2002



DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-1596
1-31-92

RECORDED

Docket No.: 50203-137

PATE.

101999001

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Koji TAKAHASHI and Shigeo OHKUMA
2.27.02
Additional name(s) of conveying party(ies) attached? Yes

2. Name and address of receiving party(ies):
Name: UNISIA JECS CORPORATION
Address: 1370, Onna
Atsugi-shi
Kanagawa-ken, JAPAN
Additional name(s) & address(es) attached? Yes

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: January 23, 2002

4. Application number(s) or patent number(s): *10/003534*
If the document is being filed together with a new application, the execution date of the application is: January 23, 2002
A. Patent Application No(s).
B. Patent No(s).
Additional numbers attached? Yes

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:
500417

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT, WILL & EMERY
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: DC Zip: 20005

03/04/2002 OWNED1 00000032 500417 10003534
01 EC:581 40.00 CH

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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.
Cameron Weiffenbach, 44,488
for Robert L. Price, 22,685
Name and Registration No. of Person Signing
Signature
Date
February 27, 2002
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Koji TAKAHASHI (4) _____
- 2) Shigeo OHKUMA (5) _____
- 3) _____ (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

UNISIA JECS CORPORATION of 1370, Onna, Atsugi-shi, Kanagawa-ken, JAPAN

and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DEVICE AND METHOD FOR CONTROLLING AIR-FUEL RATIO OF INTERNAL COMBUSTION ENGINE

a) for which an application for United States Letters Patent was filed on 06/12/2001, and identified by United States Serial No. 10/003,534; or

b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- 1) Koji Takahashi _____ 1/23/2002
Name: KOJI TAKAHASHI
- 2) Shigeo Ohkuma _____ 1/23/2002
Name: SHIGE O HKUMA
- 3) _____
- 4) _____
- 5) _____
- 6) _____