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PATENTS 103132806

12/2/5

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Shengqiang HUANG

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 11, 2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Jacobs Vehicle Systems, Inc.

Internal Address: _____

Street Address: 22 East Dudley Town Road

City: Bloomfield

State: CT

Country: USA Zip: 06002

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/202,201

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David R. Yohannan

Internal Address: Collier Shannon Scott, PLLC

Street Address: 3050 K Street, N.W.

Suite 400

City: Washington

State: DC

Zip: 20007

Phone Number: 202.342.8400

Fax Number: 202.342.8451

Email Address: DYohannna@colliershannon.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 03-2469

Authorized User Name David R. Yohannan

9. Signature:

Signature

Dec. 2, 2005

Date

DAVID R. YOHANNAN

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

12/07/2005 ECOOPER 00000120 032469 11202201

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(40.00 DA)

PATENT
REEL: 017311 FRAME: 0778

Assignment of Application for United States Patent

WHEREAS: Shengquiang Huang

(hereinafter referred to as "ASSIGNOR"), having invented and owning a certain invention entitled:

COMBINED EXHAUST RESTRICTION AND VARIABLE VALVE ACTUATION

for which an application for Letters Patent of the United States was filed on August 12, 2005 and assigned application serial number 11/202,201

WHEREAS: Jacobs Vehicle Systems, Inc.
22 East Dudley Town Road
Bloomfield, CT 06002
USA

(hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest in, to, and under said invention and in, to, and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, or reissue thereof, or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including the right to recover for any and all past infringement of any Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention prior to the date of this Assignment.

ASSIGNOR hereby warrants and covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further warrants and covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said

invention, and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Dated: 11/11/05

Shengqiang Huang
(INVENTOR/ASSIGNOR) Shengqiang Huang

WITNESSES:

RONALD CARBONE SR ENGR

Name/Title of Witness

Ronald W. Carbone
Signature

Harvey H. G. Gordon Doolittle
EAA

Name/Title of Witness

Harvey H. G. Gordon Doolittle
Signature