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07-08-1998

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original documents or copy thereof.

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party
Harold J. Schock
Manoochehr Koochesfahani
Daniel G. Nocera

2. Name and address of receiving party(ies):

Name: Michigan State University

Internal Address: 412 Administration Building

Street Address: Michigan State University

City: East Lansing State: MI ZIP: 48824-1046

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 04/06/98; 3/13/98; 3/26/98

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 is: 04/06/98
03/13/98
03/26/98

A. Patent Application No.(s)

B. Patent No.(s)

08/927,987

Additional numbers attached: ☐ Yes ☒ No

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

Name: John E. Nemazi

Internal Address: Brooks & Kushman P.C.

Street Address: 1000 Town Center, Twenty Second Flr.

City: Southfield State: MI ZIP: 48075

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:

02-3978

(Attach duplicate copy of this page if paying by deposit account)

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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.

John E. Nemazi
Name of Person Signing

John E. Nemazi
Signature

April 22, 1998
Date

Total number of pages comprising cover sheet: 2

CMB No. 0651-0011 (exp.4/94)

PATENT

REEL: 9281 FRAME: 0053

A S S I G N M E N T


For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, HAROLD J. SCHOCK, residing at 2170 Longleaf, Okemos, Michigan, 48864, MANOCHEHR KOOCHEFAHANI, residing at 3860 Rocksbury, Okemos, Michigan, 48864, and DANIEL G. NOCERA, 3 Bruce Road, Winchester, Massachusetts, do hereby assign, sell and set over to MICHIGAN STATE UNIVERSITY, a non-profit corporation organized and existing under the laws of the State of Michigan, having a place of business in East Lansing, Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**METHOD AND APPARATUS FOR ACTIVE CONTROL OF THE COMBUSTION
PROCESSES IN AN INTERNAL COMBUSTION ENGINE**

set forth in the application for United States Letters Patent filed by us on September 12, 1997, as S.N. 08/927,987 including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.


Harold J. Schock

STATE OF MICHIGAN)
) ss.
COUNTY OF INGHAM)

On this 6th day of April, 1998, personally appeared before me Harold J. Schock, to me known to be the person named in and who executed the above instrument, and acknowledge that they executed the same for the uses and purposes therein mentioned.


Notary Public
My Commission expires: 7/12/98

(SEAL)

JANYTH M. SHERMAN
Notary Public, Ingham County, MI
Commission Expires July 12, 1998
RICHMOND T. RAMPTON 0054

Assignment
S.N. 08/927,989
Filed: 9/12/97

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Manoochehr Koochesfahani
Manoochehr Koochesfahani

STATE OF MICHIGAN)
) SS.
COUNTY OF INGHAM)

On this 13th day of March, 1998, personally
appeared before me, Manoochehr Koochesfahani, to me known to be
the person named in and who executed the above instrument, and
acknowledge that they executed the same for the uses and purposes
therein mentioned.

(SEAL)

Janyth M. Sherman
Notary Public
My Commission expires: 7/12/98
JANYTH M. SHERMAN
Notary Public, Ingham County, MI
Commission Expires July 12, 1998

Daniel G. Nocera
Daniel G. Nocera

STATE OF MASSACHUSETTS)
) SS.
COUNTY OF Suffolk)

On this 27 day of March, 1998, personally
appeared before me, Daniel G. Nocera, to me known to be the
person named in and who executed the above instrument, and
acknowledge that they executed the same for the uses and purposes
therein mentioned.

(SEAL)

[Signature]
Notary Public
My Commission expires: 9-29-2000