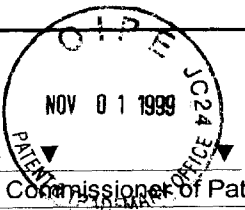


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11-04-1999



101191953

Docket No.: HAL-11402/04

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

attached original documents or copy thereof.

1. Name of conveying party(ies):

Frank W. Hunt  
Shigeru Oho

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

Name: Hitachi America, Ltd.

Internal Address:

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Street Address: 50 Prospect Avenue

City: Tarrytown State: NY ZIP: 10591

Execution Date: October 22, 1999

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

4. Application number(s) or registration numbers(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

09/399,846

Additional numbers attached? ☐ Yes ☒ No

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

Name: Douglas W. Sprinkle

Internal Address: Gifford, Krass, Groh, Sprinkle,

Anderson and Citkowski, P.C.

Street Address: 280 N. Old Woodward, Suite 400

City: Birmingham State: MI ZIP: 48009

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

07-1180

11/03/1999 NTHA11 00000114 09399846

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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.

Douglas W. Sprinkle

Name of Person Signing

Signature

October 27, 1999

Date

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

2

## ASSIGNMENT

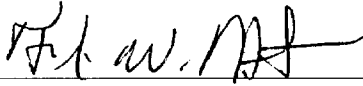
WHEREAS, we, Frank W. Hunt, of 1211 Bogie Lake Road, White Lake, MI 48383, and Shigeru Oho of 33000 Covington Club, #51, Farmington Hills, MI 48334, have invented HEATER FOR A COLD START FUEL INJECTOR, for which we have made application for Letters Patent of the United States of America, and

WHEREAS, Hitachi America, Ltd., Research and Development Division, a corporation of New York, having a principal place of business at 50 Prospect Avenue, Tarrytown, New York 10591-4698, desires to acquire the entire right, title and interest in and to said invention;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations, receipt whereof is hereby acknowledged, we, Frank W. Hunt and Shigeru Oho by these presents do sell, assign and transfer unto said corporation, its successors and assigns, all right title and interest in the United States of America and all foreign countries in and to said invention as described in the patent application, executed by us on the \_\_\_\_\_ day of \_\_\_\_\_, 1999 and the \_\_\_\_\_ day of \_\_\_\_\_, 1999, Serial No. 09/399,846, filed September 21 1999, and to any improvements on said invention heretofore or hereafter made while we are in the employ of said corporation, and any divisions or continuations of said application, and all Patents, United States and foreign, granted upon any such applications or for the inventions described therein, and any reissues or extensions of said Patents; and we hereby authorize and request the Commissioner of Patents to issue all Patents on said United States applications to said corporation as assignee thereof.

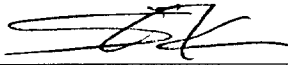
We hereby authorize the said \_\_\_\_\_ to file patent applications in any or all countries on any or all of said invention and said improvements in our names or in the name of the said \_\_\_\_\_, or otherwise as the said \_\_\_\_\_ may deem advisable, under the International Convention or otherwise.

FOR SAID CONSIDERATIONS, we hereby covenant and agree that we are the owner of the full title herein assigned and have the right to assign the same, and agree that we will communicate to said corporation or its representatives, any facts known to me respecting said invention or inventions and testify in any legal proceedings relating thereto when called upon, and will sign all instruments and documents and render such assistance which in the judgment of said corporation is necessary to vest in it and protect the legal title sought to be assigned.



\_\_\_\_\_  
Frank W. Hunt

Date: 10/22/99



\_\_\_\_\_  
Shigeru Oho

Date: 10/22/99

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