

05-16-2005

EET Docket No. 16600US01



5/12/5

103003511

To the Director of the U.S. Patent

record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- (a) Philip G. Hill
- (b) Mark E. Dunn
- (c) Sandeep Munshi

Execution Date(s) (a) Oct. 28, 2002, (b) & (c) Oct. 21, 2002
Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: Westport Research Inc.

Internal Address: _____

Street Address: 1700 West 75th Avenue

City: Vancouver

State: British Columbia

Country: Canada Zip: V6P 6G2

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

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)
11/092,094

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Robert W. Fieseler, 31,826

Internal Address: McAndrews, Held & Malloy, Ltd.

34th Floor

Street Address: 500 W. Madison

City: Chicago

State: IL Zip: 60661

Phone Number: 312-775-8000

Fax Number: 312-775-8100

Email Address: rfieseler@mhmlaw.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 13-0017

Authorized User Name McAndrews Held & Malloy, Ltd.

9. Signature :

May 10, 2005

Signature

Date

Robert W. Fieseler, 31,826

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

4

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

05/13/2005 6TOM11 00000052 130017 11092094
01 FC:8021 40.00 PA

PATENT
REEL: 016556 FRAME: 0234

A S S I G N M E N T

Filing Date: 2 October 2002

Application Serial No: 240207

WHEREAS WE, **Philip G. Hill** of 2037 Allison Road, Vancouver BC V6T 1T2, **Mark E. Dunn** of 2263 Redbud Lane, Vancouver, BC V6K4V7 and **Sandeep Munshi** of 408-8777 Hudson St. Vancouver, BC V6P6H2 (hereinafter collectively called the "Assignors"), have invented certain new and useful improvements described and claimed in an application for Canadian Letters Patent, filed in the Canadian Intellectual Property Office on the above-identified date with the Canadian Commissioner of Patents. Said Canadian Patent Application entitled:

EXHAUST GAS RECIRCULATION METHODS AND APPARATUS FOR REDUCING NOx EMISSIONS FROM INTERNAL COMBUSTION ENGINES

AND WHEREAS, **Westport Research Inc.**, (hereinafter called the "Assignee") whose full post office address is 1700 West 75th Avenue, Vancouver, British Columbia, Canada V6P 6G2, is desirous of acquiring the entire right, title and interest in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries;

NOW THEREFORE, in consideration of the sum of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, the Assignors, do hereby, both jointly and severally, sell, assign, transfer and set over to the Assignee the entire right, title and interest in and to the said inventions or improvements and said application, and any and all continuations, divisions, renewals of or substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof, and any reissue or reissues of said Letters Patent; and WE assign to and authorize the Assignee to file in our names applications for Letters Patent for said inventions or improvements in all countries, the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, re-issued or extended, as fully and entirely as the same would have been held and enjoyed by us, had this assignment, sale and transfer not been made;

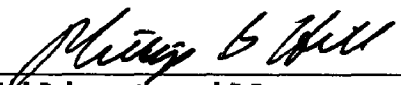
AND, WE hereby covenant that WE have the full right to convey the entire interest herein assigned, and that WE have not

executed and will not execute any agreement in conflict herewith, and WE further covenant and agree that WE will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent, in the Assignee, its successors, assigns, nominees or legal representatives, and WE agree to communicate to the Assignee, or its nominees, all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, re-issue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives;

AND WE hereby authorize and request the agents of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

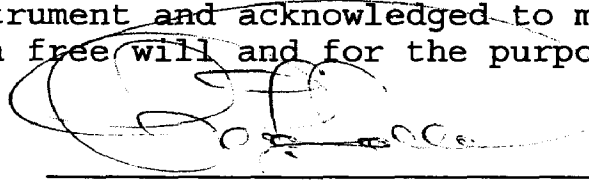
AND WE hereby authorize and request the Canadian Commissioner of Patents and any official of any country or countries foreign to Canada whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

SIGNED at Vancouver, Province of British Columbia, Canada this 18th day of Oct 2002.


Philip G. Hill

I hereby certify that on the day and year aforesaid, before me personally appeared Philip G. Hill to me known and known to me to be the individual described in the foregoing instrument, and in my presence executed this instrument and acknowledged to me that same was executed of his own free will and for the purpose therein set forth.

SEAL:


Notary Public

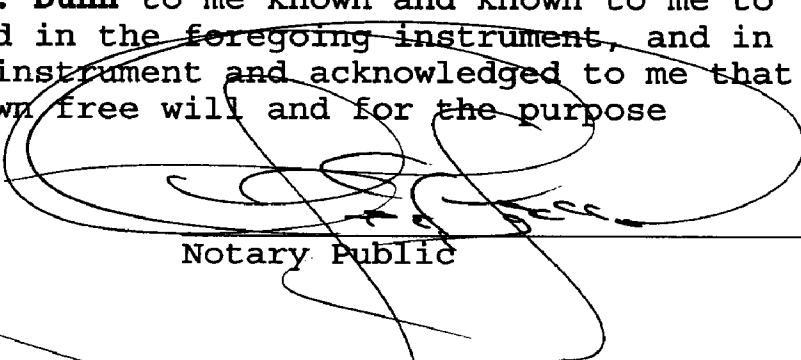
SIGNED at Vancouver, Province of British Columbia, Canada
this 21th day of October 2002.



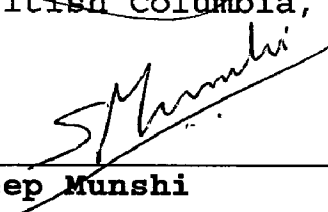
Mark E. Dunn

I hereby certify that on the day and year aforesaid, before me personally appeared **Mark E. Dunn** to me known and known to me to be the individual described in the foregoing instrument, and in my presence executed this instrument and acknowledged to me that same was executed of his own free will and for the purpose therein set forth.

SEAL:


Notary Public

SIGNED at Vancouver, Province of British Columbia, Canada this
21th day of October 2002.


Sandeep Munshi

I hereby certify that on the day and year aforesaid, before me personally appeared **Sandeep Munshi** to me known and known to me to be the individual described in the foregoing instrument, and in my presence executed this instrument and acknowledged to me that same was executed of his own free will and for the purpose therein set forth.

SEAL:


Notary Public