

MRP 6/19/00

07-14-2000

Docket No. 12541US02

FORM PTO-1595

1/31/92

RECORD

PAT



101405058

DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

(a) Alan B. Welch; (b) Irawan Rahardja; and
(c) Mike Hebbes

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: (a) 5/1/00, (b) 3/20/00, and (c) 3/20/00

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

Westport Research Inc.
1691 West 75th Avenue
Vancouver, BC
CANADA V6P 6P2

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

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JUN 23 2000

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: _____

A. Patent Application No.(s)
09/522,130

B. Patent No.(s)

Additional numbers attached? Yes No

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

McAndrews, Held & Malloy, Ltd.
500 West Madison Street
34th Floor
Chicago, Illinois 60661

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: 13-0017.

(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.

Signature and Registration Number: _____

Robert W. Fieseler
Registration No. 31,826

Date: June 14, 2000

Name of Person Signing: _____

Robert W. Fieseler

Total number of pages including cover sheet, attachments and document: 4

A S S I G N M E N T

Joint

File No. 12541US02

Application Ser. No. 09/522,130

Inventors: Alan B. Welch

Filing Date: March 9, 2000

Irawan Rahardja

Mike Hebbes

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In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assigns to **Westport Research Inc.**, whose full post office address is 1691 West 75th Avenue, Vancouver, British Columbia, Canada V6P 6P2, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **DIRECTLY ACTUATED INJECTION VALVE**; and identified as **File No. 12541US02** in the offices of **McANDREWS, HELD & MALLOY, LTD.**, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

Each of the undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

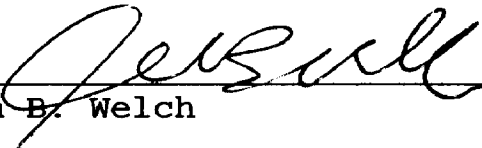
Each of the undersigned warrants himself or herself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations each of the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional,

continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

SIGNED at Vancouver, Province of British Columbia, Canada

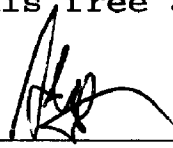
this 15th day of MAY, 2000.



Alan B. Welch

I hereby certify that before me personally appeared Alan B. Welch to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:



Notary Public

SIGNED at Vancouver, Province of British Columbia, Canada

this 20 day of March, 2000.



Irawan Rahardja

I hereby certify that before me personally appeared Irawan B. Rahardja to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

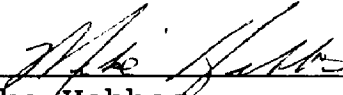
SEAL:



Notary Public

SIGNED at Vancouver, Province of British Columbia, Canada

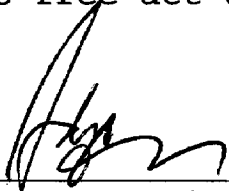
this 20 day of MARCH, 2000.



Mike Hebbes

I hereby certify that before me personally appeared Mike Hebbes to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:



Notary Public