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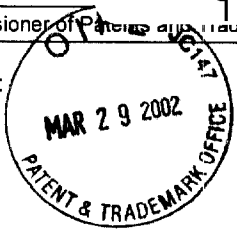
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To the Honorable Commissioner of Patents and Trademarks, Please Return the attached original documents or copy thereof.

1. Name of conveying party(ies):

Herbert A. Hartshorne
Graham H. McKinnon
Penguang Yu
Darren F. Lewis

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



2. Name and address of receiving party(ies)

Name: Micralyne Inc.

Internal Address: _____

Street Address: 1911-94th Street

City: Edmonton State: Alberta Zip: T6N 1E6

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: March 13, 2002

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

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

A. Patent Application No. (s)
10/025,989

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: H. Samuel Frost

Internal Address: c/o Bereskin & Parr

Street Address: P.O. Box 401, 40 King Street West

City: Toronto State: Ontario Zip: M5H 3Y2

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:

022095

(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.

H. Samuel Frost, Reg. No. 31,696
Name of Person Signing

Signature

March 28, 2002
Date

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

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

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PATENT
REEL: 012738 FRAME: 0240

Additional Names & Addresses of Receiving Parties:

Name: MDS Inc., doing business as MDS Sciex
Street Address: 71 Four Valley Drive
City: Concord
Province: Ontario
Postal Code: L4K 4V8

Name: MDS Proteomics Inc.
Street Address: 251 Attwell Drive
City: Toronto
Province: Ontario
Postal Code: M9W 7H4

ASSIGNMENT

WHEREAS, We, **Herbert A. Hartshorne, Graham H. McKinnon, Pengguang Yu and Darren F. Lewis**, whose full post office addresses are **11108 80 Avenue, Edmonton, Alberta, Canada, T6G 0R5; 7123 85 Street, Edmonton, Alberta, Canada, T6C 3A6; 9356 83rd Street, Edmonton, Alberta, Canada, T6N 1E6; and 1010 Arbour Lake Road, Apt. 2331, Calgary, Alberta, Canada, T3G 4Y8**, have invented certain new and useful improvements in an invention entitled **MICROFLUIDIC VALVE AND METHODS OF MANUFACTURING SAME** for which an application for United States Letters Patent filed December 26, 2001 under serial number 10/025,989, and for which a declaration for a United States Utility patent application is executed by us concurrently herewith under the above title,

AND WHEREAS **Micralyne Inc.**, a corporation of **1911 – 94th Street, Edmonton, Alberta, Canada, T6N 1E6**, **MDS Inc.**, doing business as **MDS Sciex**, a corporation of **71 Four Valley Drive, Concord, Ontario, Canada, L4K 4V8**, and **MDS Proteomics Inc.**, a corporation of **251 Attwell Drive, Toronto, Ontario, Canada, M9W 7H4**, have acquired from us the whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefore, and in and to said provisional application,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, We, **Herbert A. Hartshorne, Graham H. McKinnon, Pengguang Yu and Darren F. Lewis**, by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said **Micralyne Inc.**, **MDS Inc.**, doing business as **MDS Sciex**, and **MDS Proteomics Inc.**, the full and exclusive right to the said invention in the United States of America and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore, and the entire right, title and interest in and to said application, and in and to any regular utility or design applications and in and to any divisions, continuations, continuations-in-part and extensions of said applications, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications

thereto in any and all countries, and to vest title thereto in said assignees, their successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said **Micalyne, Inc., MDS Inc., doing business as MDS Sciex, and MDS Proteomics Inc.**, the assignees of the entire right, title and interest in and to the same, for their sole use and benefit, and for the use and benefit of their successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

EDMONTON ALBERTA

SIGNED at _____, ~~Ontario~~, Canada, this 13 day of MARCH, 2002.

Kevin Hornelsen

Witness

Herb Hartshorne
Herbert A. Hartshorne

EDMONTON ALBERTA

SIGNED at _____, ~~Ontario~~, Canada, this 13 day of MARCH, 2002.

Kevin Hornelsen

Witness

Graham H. McKinnon
Graham H. McKinnon

Edmonton Alberta

SIGNED at _____, Ontario, Canada, this 14 day of March, 2002.

[Signature]
Witness

Pengguang YU
Pengguang YU

SIGNED at Toronto, Ontario, Canada, this 20 day of March, 2002.

[Signature]
Witness

Darren F. Lewis
Darren F. Lewis