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Name (line 1)

FENG, Xianshe

Execution Date
Month Day Year

04-21-1999

Name (line 2)

Second Party

Name (line 1)

IVORY, John

Execution Date
Month Day Year

04-21-1999

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

Name (line 1)

ALBERTA RESEARCH COUNCIL

Name (line 2)

Address (line 1)

250 Karl Clark Road

Address (line 2)

Address (line 3)

Edmonton

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T6N 1E4

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Correspondent Name and Address

Area Code and Telephone Number (780) 421-8133

Name BENNETT JONES

Address (line 1) 1000 ATCO Centre

Address (line 2) 10035 - 105 Street

Address (line 3) Edmonton, Alberta T5J 3T2

Address (line 4) Canada

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Patent Application Number(s)

09/305.695

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

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1

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Fee Amount for Properties Listed (37 CFR 3.41): \$ \$40.00

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02-2057

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Statement and Signature

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EDWARD YOO 4.1435

Name of Person Signing

Signature

29 May 2000

Date

ASSIGNMENT OF INVENTION

We, the undersigned:

FENG, Xianshe
#303, 11435 - 41 Avenue
Edmonton, Alberta T6J 0T9

IVORY, John
9316 - 86 Street
Edmonton, Alberta T6C 3E7

(hereinafter referred to as the "Inventors") have made an invention entitled

HOLLOW FIBER MEMBRANE DEVICES AND METHODS OF ASSEMBLY

as set forth and described in an application for letters patent of the United States of America having the serial number *09/305,655* and filing date of *MAY 5*, 1999, and identified by Attorney Docket No. *30319-35* (the "Invention").

In consideration of the sum of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby irrevocably assign, grant, sell, convey, transfer and make over unto:

ALBERTA RESEARCH COUNCIL
250 Karl Clark Road
Edmonton, Alberta T6N 1E4

our entire right, title and interest in and to the Invention, the United States of America patent application, any other applications for patent for the Invention filed in the United States of America, including any divisional, continuation-in-part applications,


and in countries foreign to the United States of America, and all patents granted for the Invention in the United States of America and in foreign countries, together with the right to claim in respect of the United States of America and foreign countries, the priority date of the patent application filed in the United States of America.

This Assignment shall enure to the benefit of and be binding upon the Inventors and **ALBERTA RESEARCH COUNCIL** and their respective heirs, executors, administrators, successors and assigns.

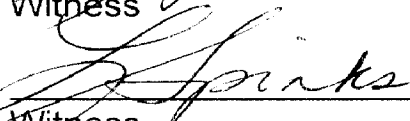
Alberta Research Council or their agents are authorized to insert the details of the United States patent application above once known.

IN WITNESS WHEREOF the Inventors have caused this Assignment to be executed at Edmonton, Alberta, Canada this 21st day of April, 1999.

Signed, Sealed and Delivered
in the presence of:



Witness




Witness

)
)
)
)
)
)
)
)
)
)



XIANSHE FENG



JOHN IVORY

AFFIDAVIT OF EXECUTION

CANADA
PROVINCE OF ALBERTA
TO WIT:

) I, *Lisa Spinks*
) of the City of Edmonton,
) in the Province of Alberta
) MAKE OATH AND SAY:

1. THAT I was personally present and did see **XIANSHE FENG** named in the within (or annexed) instrument who is personally known to me to be the person named therein, duly sign and execute the same for the purpose named therein.

2. THAT the same was executed at the City of Edmonton, in the Province of Alberta, and that I am the subscribing witness thereof.

3. THAT I know the said **XIANSHE FENG** and he is in my belief the full age of eighteen years.

SWORN before me at the City)
of Edmonton, in the Province)
of Alberta this 21st day)
of April, 1999.)

Sharon Thomson
A COMMISSIONER FOR OATHS in and
for the Province of Alberta

SHARON THOMSON
MY COMMISSION EXPIRES

April 6, 2002

Pl. AS.
Xianshe Feng "M. AS."
L. Spinks

AFFIDAVIT OF EXECUTION

CANADA
PROVINCE OF ALBERTA
TO WIT:

) I, *Lisa Spinks*
) of the City of Edmonton,
) in the Province of Alberta
) MAKE OATH AND SAY:

1. THAT I was personally present and did see **JOHN IVORY** named in the within (or annexed) instrument who is personally known to me to be the person named therein, duly sign and execute the same for the purpose named therein.
2. THAT the same was executed at the City of Edmonton, in the Province of Alberta, and that I am the subscribing witness thereof.
3. THAT I know the said **JOHN IVORY** and he is in my belief the full age of eighteen years.

SWORN before me at the City)
of Edmonton, in the Province)
of Alberta this 21st day)
of April, 1999.)

Sharon Thomson
A COMMISSIONER FOR OATHS in and
for the Province of Alberta

LS *LS*
John Ivory *LS* *Spinks*

SHARON THOMSON
MY COMMISSION EXPIRES
April 6, 2002