

FORM PTO 1585 U.S. DEPARTMENT OF COMMERCE
(Rev. 6 83) Patent and Trademark Office
OMB No. 0551-0011 (exp. 4/94)



04-12-2001



101641730

RECORDATION FORM COVER SHEET

PATENTS ONLY

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

1. Name of conveying party(ies): ARC
Alberta Research Council
11-24-00
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Alberta Science, Research and Technology Authority
Address: 250 Karl Clark Road
P.O. Box 8330, Station "F"
Edmonton, Alberta
Canada T6N 5X2
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date March 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): 09/157,145
B. Patent No.(s): 6,134,952
Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3:41) \$ 40.00 **E**
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 50-1142

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Gordon Freedman
Address: Freedman & Associates
117 Centreponte Drive, Suite 350
Nepean, Ontario
Canada K2G 5X3

DO NOT USE THIS SPACE

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.*

G. Freedman
Signature

November 23, 2000
Date

Total number of pages comprising cover sheet, attachments, and document: 3

Gordon Freedman, Reg. No. 41,553
Name of Person Signing

09/157145 40.00 3F

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

CERTIFICATE OF CHANGE OF NAME**AND****ASSIGNMENT**

BETWEEN:

ALBERTA SCIENCE, RESEARCH AND TECHNOLOGY AUTHORITY
(formerly **ALBERTA RESEARCH COUNCIL**)
250 Karl Clark Road
P. O. Box 8330, Station "F"
Edmonton, Alberta
Canada T6H 5X2

(the "Assignor")

AND

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

(the "Assignee")

WHEREAS ALBERTA RESEARCH COUNCIL acquired legal status as a corporation pursuant to a Statute of the Province of Alberta, Canada, namely, *The Alberta Research Council Act*, S.A. 1981, chapter A-35.1;

AND WHEREAS ALBERTA RESEARCH COUNCIL has a right, title or interest in and to certain intellectual property including those applications for Letters Patent set forth and described in Schedule "A" attached hereto (the "Patent Applications") and those Letters Patent set forth and described in Schedule "B" attached hereto (the "Patents");

AND WHEREAS *The Alberta Research Council Act* was repealed pursuant to a further Statute of the Province of Alberta, Canada, namely, *The Alberta Science, Research and*

Technology Authority Act, S.A. 1998, chapter A-37.3, which *Act* was proclaimed in force on April 1, 1999;

AND WHEREAS pursuant to *The Alberta Science, Research and Technology Authority Act*, the corporation known as ALBERTA RESEARCH COUNCIL is continued under the name ALBERTA SCIENCE, RESEARCH AND TECHNOLOGY AUTHORITY (the "Assignor");

AND WHEREAS ALBERTA RESEARCH COUNCIL INC. (the "Assignee") was incorporated in the Province of Alberta, Canada on April 1, 1999 pursuant to *The Business Corporations Act (Alberta)*, S.A. 1981, chapter B-15;

AND WHEREAS the Assignor and the Assignee entered into an Agreement effective April 1, 1999 wherein the Assignor agreed to transfer to the Assignee all of the Assignor's right, title and interest in and to certain intellectual property of the Assignor including the Patent Applications and the Patents;

NOW THEREFORE, the Assignor hereby certifies and confirms that pursuant to Section 2(1) of *The Alberta Science, Research and Technology Authority Act*, S.A. 1998, chapter A-37.3, the corporation known as ALBERTA RESEARCH COUNCIL is continued under the name ALBERTA SCIENCE, RESEARCH AND TECHNOLOGY AUTHORITY;

FURTHER, FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, the Assignor does hereby irrevocably assign, grant, sell, convey, transfer and make over unto the Assignee its entire right, title and interest in and to the Patent Applications set forth and described in Schedule "A" and the Patents set forth and described in Schedule "B", any other applications for Letters Patent related thereto or arising therefrom filed or to be filed in any country or territory worldwide, and all Letters Patent related thereto or arising therefrom granted or to be granted in any country or territory worldwide, together with the right to claim in respect of any country or territory worldwide, the priority date of any such Patent Applications, Patents or related or associated applications for Letters Patent or granted Letters Patent.

This Certificate of Change of Name and Assignment shall enure to the benefit of and be binding upon the Assignor and the Assignee and their respective heirs, executors, administrators, successors and assigns.

IN WITNESS WHEREOF the Assignor has caused this Certificate of Change of Name and Assignment to be executed at Edmonton, Alberta, Canada this 23^d day of March, 2000.

ALBERTA SCIENCE, RESEARCH AND TECHNOLOGY AUTHORITY

Per:



Name - Dr. Roger Palmen

Title - CEO

**AFFIDAVIT OF EXECUTION
OF AN ASSIGNMENT EXECUTED BY
A COMPANY HAVING NO CORPORATE SEAL**

I, Dr. Roger Palur, having the office and title of CEO of ALBERTA SCIENCE, RESEARCH AND TECHNOLOGY AUTHORITY whose full post office address is 250 Karl Clark Road, P.O. Box 8330, Station "F", Edmonton, Alberta, Canada T6H 5X2, MAKE OATH AND SAY:

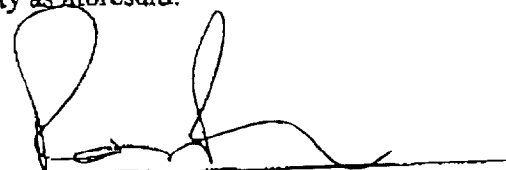
1. THAT the Company named as the Assignor (hereinafter referred to as the "Company") in the attached Certificate of Change of Name and Assignment is incorporated and organized under the laws of the Province of Alberta, Canada;

2. THAT under the said laws of the Province a company is not required to have or to execute documents under a corporate seal and the Company has no corporate seal;

3. THAT under the constitution and by-laws of the Company, documents to be executed on its behalf are valid and bind the Company if signed by me;

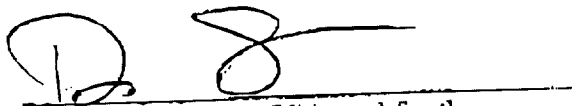
4. THAT I have signed the attached Certificate of Change of Name and Assignment on behalf of the Company in my capacity as aforesaid.

SWORN before a Notary Public in and for the Province of Alberta, Canada this 23 day of March, 2000.



Name: Dr. Roger Palur

Title: CEO



A NOTARY PUBLIC in and for the Province of Alberta, Canada.

Donald J. Smith
BARRISTER & SOLICITOR

Schedule "A"

Technologies - Associated patents and lawfirms

Date: 3/20/00

TechnID	Title/ Lawfirm	Legal Ref.	Country	Serial No.	File Date	Patent No.	Issue Date
IP0110	Reservoir Fluids Production Apparatus and Method (Liquid loading pump) Friedrichs & Associates	20050-10	United States	09/157,005	09/22/1998		
IP0111	Multi-Phase Fluid Flow Measurement Apparatus and Method Friedrichs & Associates	4900055-11	United States	09/157,000	02/09/1999		
IP0114	Structural Board of Cereal Straw (OSSB) Neil Teitelbaum & Associates	9157058 Off	United States	09/230,350	09/12/1998		
IP0115	Water Analysis Systems - Whirlwater Sensors Neil Teitelbaum & Associates	51-1016	United States	09/167,209	09/18/1998		
IP0116	Dissolved Solids Analyzer Neil Teitelbaum & Associates	51-7US	United States	09/157,145	09/18/1998		
IP0143	Seedling Containers Thompson Caribert	1208-6US	United States	09/246,090	02/10/1999		
IP0215	Intelligent Sensing and Pattern Recognition for Measuring Gas Liquid Ratio in Two Phase Flow - PRISM (Dual Sensor) Friedrichs & Associates	12-20050-2-10022	United States	09/157,010	09/09/1998		

D.E.A.L.S. Db (lm) Technology Management Reports (c)1993-98 Inteleum Corp. Report: ARClchts patentlising with lawfirm Page 1

Format: Excludes archived technologies, ascending sort by TechnID, descending sort by Patent Number, Serial Number
Query: Include all records where TechnID>ARCHIVE is equal to 1 and Patent>STAT_DESC is not equal to "Issued" and Country>COUNTRY_NAME is equal to "United States" and Patent>STAT_DESC is not equal to "expired" and Patents>TECHID is not equal to "IP06" and Patents>TECHID is not equal to "IP07" and