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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)  
U.S. DEPARTMENT OF COMMERCE

9.20.02

Our File No. 51-20 US

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

1. Name of conveying party(ies):

- 1) **Deborah Jean HENRY**
- 2) **Ross. S. CHOW**
- 3) **Hongqi YUAN**

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

2. Name and address of receiving party(ies)

Name: **Alberta Research Council Inc.**  
 Street Address: **250 Karl Clark Road**  
 City: **Edmonton**  
 Province: **Alberta**  
 Postal Code: **T6N 1E4**  
 Country: **Canada**

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date: **August 9, 2001**

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):

10/205,443 filed July 26, 2002

B. Patent No.(s):

Additional numbers attached?  Yes  No

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

Name: **Freedman & Associates**  
 Street Address: **117 Centrepointe Drive, Suite 350**  
 City: **Nepean**  
 Province: **Ontario**  
 Postal Code: **K2G 5X3**  
 Country: **Canada**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) **\$40.00**

Authorized to be charged to deposit account

8. Deposit account number:

**50-1142**

(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.*

**Gordon Freedman, Reg. No. 41,553**

(Name of Person Signing)

(Signature)

**September 18, 2002**

(Date)

Total number of pages including cover sheet, attachments, and documents: **2**

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

09/25/2002 GTON11 00000218 501142 10205443  
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**PATENT**  
**REEL: 013318 FRAME: 0782**

ASSIGNMENT OF INVENTION  
UNIVERSAL

WHEREAS, we, **Deborah Jean HENRY, Ross S. CHOW, and Hongqi YUAN**, whose full post office addresses are **52212 Range Road 225, Sherwood Park, Alberta T8C 1C9, Canada; 1014 Gillies Road, Sherwood Park, Alberta T8A 1C9, Canada; and 334 Beringer Crescent, Edmonton, Alberta T5T 6B6, Canada** have invented certain improvements in and described in a patent application entitled

**Stone Cell Determination Using Fluorescence**

filed on **July 26, 2001**;

WHEREAS, **ALBERTA RESEARCH COUNCIL INC.** (hereinafter referred to as the assignee), whose full post office address is **250 Karl Clark Road, Edmonton, Alberta, Canada T6N 1E4** is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and I/we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

We further agree without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

WITNESS:

Leonard Newby  
Signature of Witness

Leonard Newby  
Printed Name of Witness

Deborah Jean HENRY Date: Aug 9/01  
Deborah Jean HENRY

WITNESS:

Yvonne Maricci  
Signature of Witness

Yvonne Maricci  
Printed Name of Witness

Ross S. CHOW Date: 9 Aug 2001  
Ross S. CHOW

WITNESS:

Leonard Newby  
Signature of Witness

Leonard Newby  
Printed Name of Witness

Hongqi YUAN Date: Aug 9th, 2001  
Hongqi YUAN