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03-07-2000

Assistant Commissioner  
for Patents  
Box Assignments  
Washington, D.C. 20231



101283821

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

orney Docket No. KMH 15806 and 15807

To the Assistant Commissioner for Patents: Please record the attached original document or copy thereof.

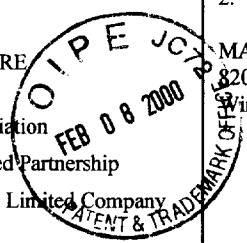
1. A. Name of conveying party:

MANITOBA HVDC RESEARCH CENTRE

Individuals       Association  
 General Partnership       Limited Partnership  
 Corporation-Canada       Public Limited Company  
 Other \_\_\_\_\_

B. Additional name(s) of conveying party(ies) attached?

Yes     No



2. A. Name and address of receiving party:

MANITOBA HYDRO  
 820 Taylor Avenue, Box 815  
 Winnipeg, R3C 2P4, Canada

B.  Individual(s) citizenship  
 Association \_\_\_\_\_  
 General Partnership \_\_\_\_\_  
 Limited Partnership \_\_\_\_\_  
 Corporation Canada  
 Public Limited Company \_\_\_\_\_  
 Other \_\_\_\_\_

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other \_\_\_\_\_

Execution Date: February 1, 2000

C. If assignee is not domiciled in the United States, a domestic representative designation is attached:

Yes     No

(Designation must be a separate document from Assignment)

D. Additional name(s) & address(es) attached?

Yes     No

4. A. Trademark Application No.(s)

03/06/2000 JSH/BAZZ 00000269 1894846

40.00 OP  
25.00 OP

B. Trademark Registration Nos. 1,894,846 for the mark PSCAD and 2,234,433 for the mark RTDS

C. Additional numbers attached?  Yes     No

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

Name: Kirk M. Hudson

Address: OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, VA 22320

6. Total number of applications and registrations involved: 2

7. A. Total fee (37 CFR 3.41)..... \$65.00  
 B. Enclosed (Check No. 106160 )

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.

Jennifer Fraser           February 8, 2000  
 Typed Name of Person Signing      Signature      Date

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

TRADEMARK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Registration of:

MANITOBA HVDC RESEARCH CENTRE

Registration Nos.: 1,894,846 and 2,234,433

Registered: May 23, 1995 and March 23, 1999      Attorney Docket Nos.: KMH 15806 and  
KMH 15807

Mark:      PSCAD and RTDS

**POWER OF ATTORNEY**  
**DESIGNATION OF DOMESTIC REPRESENTATIVE**

Assistant Commissioner  
for Trademarks  
2900 Crystal Drive  
Arlington, Virginia 22202-3513

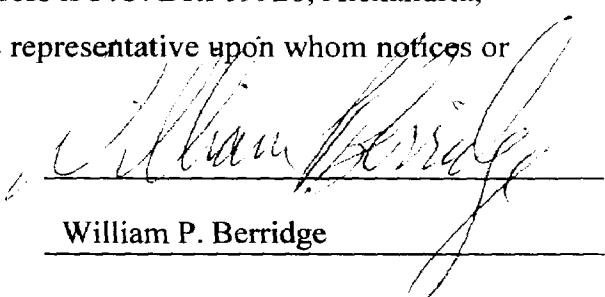
Madam:

COMES NOW the above-identified registrant and cancelling all previous Powers of Attorney, hereby appoints James A. Oliff, William P. Berridge, Kirk M. Hudson, Thomas J. Pardini, Edward P. Walker, Robert A. Miller, Mario A. Costantino, Michael S. Culver, Caroline D. Dennison and Stephen J. Roe, each a member of the bar of the Commonwealth of Virginia, all with offices OLIFF & BERRIDGE, PLC, 277 South Washington Street, Suite 500, Alexandria, Virginia 22314, its attorneys to transact all business in the Patent and Trademark Office in connection with the above-identified registrations and to represent the registrant in all proceedings affecting the marks which may arise in the Patent and Trademark Office.

OLIFF & BERRIDGE, PLC, whose postal address is P.O. Box 19928, Alexandria, Virginia 22320, is hereby designated registrant's domestic representative upon whom notices or process in proceedings affecting the mark may be served.

By:

Name:

  
\_\_\_\_\_  
William P. Berridge

Date:      February 8, 2000

## ASSIGNMENT

WHEREAS MANITOBA HVDC RESEARCH CENTRE, a Canadian corporation having its principal place of business at 400-1619 Pembina Highway, Winnipeg, Manitoba, R3T 3Y6, Canada, (hereinafter "ASSIGNOR"), has adopted and used the marks identified in Schedule A hereto for goods and is the owner of the marks identified in Schedule A hereto as shown by the records in the United States Patent and Trademark Office (hereinafter "Registrations"); and

WHEREAS MANITOBA HYDRO, a Crown corporation having its principal place of business at 820 Taylor Avenue, Box 815, Winnipeg, Manitoba, R3C 2P4, Canada, is desirous of acquiring all rights, title and interest of ASSIGNOR in and to, and to the use of, said Marks and the goodwill symbolized thereby.

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby mutually acknowledged, ASSIGNOR does hereby sell, assign, transfer, and convey to MANITOBA HYDRO, all rights, title and interest in and to, and to the use of said Mark, together with the goodwill symbolized thereby, said Registrations, and the right to recover damages for any past infringement of said Marks.

### MANITOBA HVDC RESEARCH CENTRE

Dated: February 1, 2000

By:   
Name: Ken Tennenhouse  
Title: General Counsel & Corporate Secretary

**Schedule A**

REGISTRATION NO.      TRADE-MARK

1,894,846

**PSCAD**

2,234,433

**RTDS**