



4/9/01

PATENTS ONLY

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

1. Name of conveying party(ies):
 (a) Zuomin Dong, (b) Ken W. Kratschmar, (c) Dongming Lu, (d) Ryan N. Mackie, (e) Walter R. Merida Donis, (f) Michael E. Pastula, (g) Martin L. Perry, (h) Gaofeng Gary Wang and (i) Rong Zheng

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

3. Nature of conveyance:

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

Execution Date: (a) 1/24/01, (b) 1/23/01, (c) 3/13/01, (d) 1/26/01, (e) 1/23/01, (f) 2/12/01, (g) 2/12/01, (h) 2/27/01 and (i) 1/23/01

2. Name and address of receiving party(ies):

Ballard Power Systems Inc.
9000 Glenlyon Parkway
Burnaby, B.C.
CANADA V5J 5J9

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

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)
09/749,495

B. Patent No.(s)

Additional numbers attached? Yes No

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

McAndrews, Held & Malloy, Ltd.
500 West Madison Street
34th Floor
Chicago, Illinois 60661

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: 13-0017.

(Attach duplicate copy of this page if paying by deposit account).

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.

Signature and Registration Number:

Registration No. 31,826

Date: April 6, 2001

Name of Person Signing: Robert W. Fieseler

Total number of pages including cover sheet, attachments and document: 8

A S S I G N M E N T

Joint

File No. 12999US01

Application Ser. No. 09/749,495

Inventors: Zuomin Dong

Filing Date: December 22, 2000

Ken W. Kratschmar

Dongming Lu

Ryan N. Mackie

Walter R. Merida Donis

Michael E. Pastula

Martin L. Perry

Gaofeng Gary Wang

Rong Zheng

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assign to **Ballard Power Systems Inc., a corporation under the Canadian Business Corporations Act**, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **IMPROVED OXIDANT FLOW FIELD FOR SOLID POLYMER ELECTROLYTE FUEL CELL**; and identified as File No. 12999US01 in the offices of **McANDREWS, HELD & MALLOY, LTD.**, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

Each of the undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

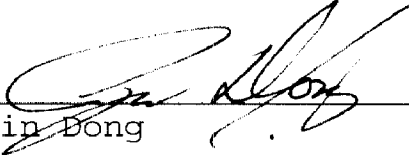
Each of the undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

Each of the undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations each of the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

SIGNED at Victoria, Province of British Columbia, Canada

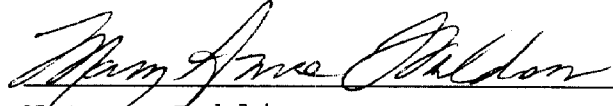
this 24 day of January, 2001.



Zuomin Dong

I hereby certify that before me personally appeared Zuomin Dong to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

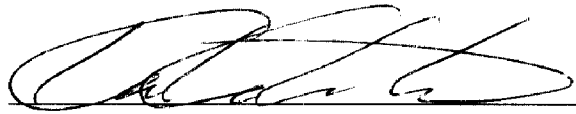
SEAL:



Notary Public

SIGNED at Victoria, Province of British Columbia, Canada

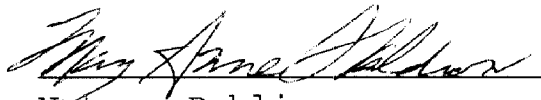
this 23 day of January, 2001.



Ken W. Kratschmar

I hereby certify that before me personally appeared Ken W. Kratschmar to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.


SEAL:



Notary Public

SIGNED at London, Province of Ontario, Canada

this 13th day of March, 2001.



Dongming Lu

I hereby certify that before me personally appeared Dongming Lu to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

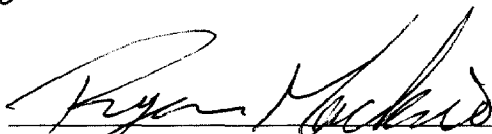
SEAL: 

Notary Public
Province of Ontario

MACDONALD, EVENDEN
Barristers, Solicitors, Notaries Public
1119 Dundas Street
London, Ontario, Canada N5W 3B7


SIGNED at Burnaby, Province of British Columbia, Canada

this 26 day of January, 2001.



Ryan N. Mackie

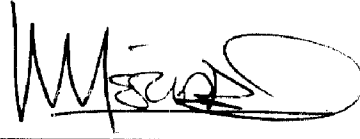
I hereby certify that before me personally appeared Ryan N. Mackie to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL: 

Notary Public
Stephen Robert Burri
A Notary Public in and for the
Province of British Columbia

SIGNED at Victoria, Province of British Columbia, Canada

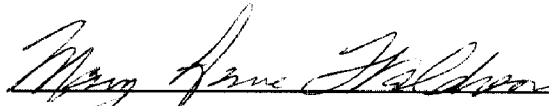
this 23 day of JANUARY, 2001.



Walter R. Merida Donis

I hereby certify that before me personally appeared Walter R. Merida Donis to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

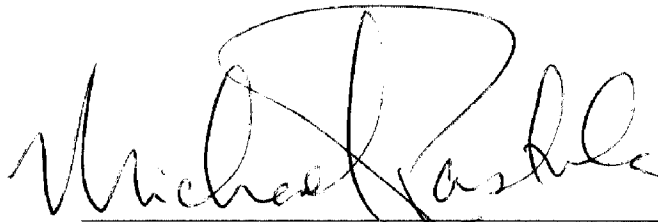
SEAL:



Notary Public

SIGNED at Calgary, Province of Alberta, Canada

this 12th day of February, 2001.



Michael E. Patsula

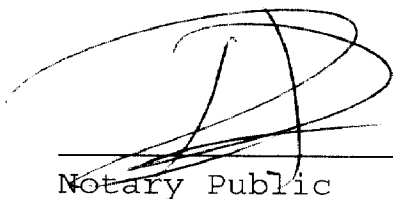
Patsula

MEP

I hereby certify that before me personally appeared Michael E. Patsula to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

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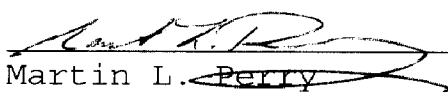
SEAL:



Notary Public

ANGELA M. BERTHELM
BARRISTER & SOLICITOR

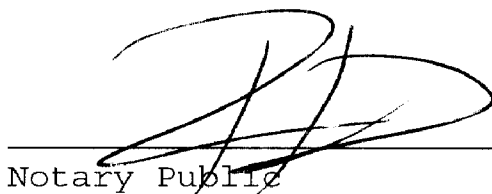
SIGNED at Calgary, Province of Alberta, Canada
this 12th day of February, 2001.



Martin L. Perry

I hereby certify that before me personally appeared Martin L. Perry to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

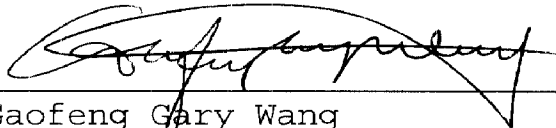
SEAL:



Notary Public

ANGELA M. BERTHELM
BARRISTER & SOLICITOR

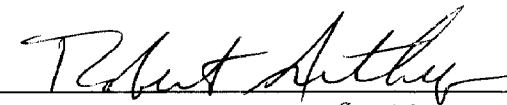
SIGNED at Winnipeg, Province of Manitoba, Canada
this 27th day of February, 2001.



Gaofeng Gary Wang

I hereby certify that before me personally appeared Gaofeng Gary Wang to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:



Notary Public in + for the Province of Manitoba

SIGNED at Victoria, Province of British Columbia, Canada
this 23 day of Jan, 2001.



Rong Zheng

I hereby certify that before me personally appeared Rong Zheng to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:



Notary Public

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