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

1. Name of conveying party(ies):

(a) Donald A. Lines, (b) Nicholas A. Fletcher,
(c) Eric G. Pow, (d) Michael Sexsmith, (e) Bill Gray
and (f) Horst Thumm

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) 4/2/01, (b) 5/15/01, (c) 4/27/01,
(d) 5/2/01, (e) 3/29/01 and (f) 3/30/01

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

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

JUN - 4 2001

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)
09/747,571

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: May 30, 2001

Name of Person Signing: Robert W. Fieseler

Total number of pages including cover sheet, attachments and document: 6

A S S I G N M E N T

Joint

File No. 12748US02 Application Ser. No. 09/747,571
Inventors: Donald A. Lines Filing Date: December 22, 2000
 Nicholas A. Fletcher
 Eric G. Pow
 Michael Sexsmith
 Bill Gray
 Horst Thumm

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: **METHOD AND APPARATUS FOR EMBOSSING EXPANDED GRAPHITE SHEET MATERIAL UNDER REDUCED PRESSURE**; and identified as File No. 12748US02 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 Burnaby, B.C., Canada

this 02 day of April, 2001.

Ronald A. Lines
Donald A. Lines

I hereby certify that before me personally appeared Donald A. Lines 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

BRAN Y. LEE - MY COMMISSION IS NON-EXPIRING.

SIGNED at RIO DE JANEIRO, BRAZIL

this 15TH day of MAY, 2001.

Nicholas A. Fletcher

I hereby certify that before me personally appeared Nicholas A. Fletcher 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

14º

CARTÓRIO DO 14º OFÍCIO DE NOTAS - R. VISC. DE PIRAJÁ 550 - SS. 121 - IPANEMA - RJ
 CEP 22410-002 - TELS.: (0XX21) 219-3797 / 239-3897
 TABELIA: DRA. CONCELIANA HENRIQUE DE SOUZA

RECONHECIMENTO DE FIRMA Nº 33
 Reconheço por semelhança a(s) firma(s)
 NICHOLAS JOHN FLETCHER-2/117, #=
 #=====

Rio de Janeiro, 16 de Maio de 2001 as 18:27:33 da
 1- Em Testemunho
 RODRIGO MENDONÇA DE AZEVEDO - Substituto - RMA - 1
 Total R\$ 2,60

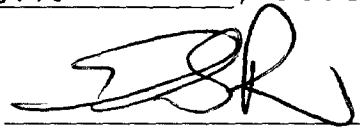
Válido somente com selo de Fiscalização.

SECRETARIA DE DEFESA CONSUMIDOR
 CONCELINA HENRIQUE DE SOUZA
 E. Autorizada
 Nº 9205
 Nº 590

PROFESSORIA GERAL DA JUSTIÇA RJ
 SELA DE FISCALIZAÇÃO
 Nº 94454

SIGNED at City of Vancouver, Canada

this 27 day of April, 2001.


Eric G. Pow
A6B CDMPAS

I hereby certify that before me personally appeared Eric G. Pow 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. ✓

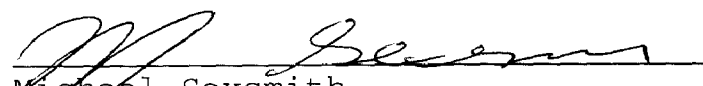
SEAL:



Notary Public **DOUGLAS PARTON NOTARY PUBLIC**
Witnessed as to execution only. 2356 West 4th Avenue
No advice sought or given. Vancouver, B.C. V6K 1P1
(604) 731-5208

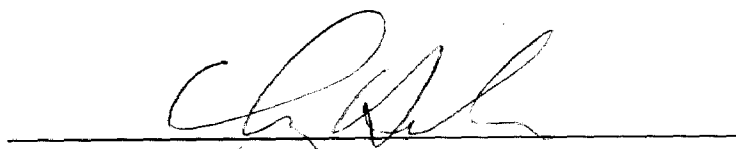
SIGNED at Vancouver, Canada

this 2nd day of May, 2001.


Michael Sexsmith


I hereby certify that before me personally appeared Michael Sexsmith 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 Burnaby, Province of British Columbia, Canada

this 29 day of March, 2001.



Bill Gray

I hereby certify that before me personally appeared Bill Gray 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 Burnaby, Province of British Columbia, Canada


this 30 day of March, 2001.



Horst Thumm

I hereby certify that before me personally appeared Horst Thumm 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