



4-16-03P

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

## 1. Names of conveying parties:

- 1) FENGTAI HUANG
- 2)
- 3)
- 4)
- 5)
- 6)

Additional names of conveying parties attached? ☐ Yes ☒ No

## 2. Name and address of receiving party:

Name: BALLARD POWER SYSTEMS CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 15001 COMMERCE DRIVE NORTHCity: DEARBORNState MIZip: 48120Additional names & addresses attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

## Execution Dates:

- 1) MARCH 19, 2003 4) \_\_\_\_\_
- 2) \_\_\_\_\_ 5) \_\_\_\_\_
- 3) \_\_\_\_\_ 6) \_\_\_\_\_

## 4. Application number(s) or registration number(s):

If this document is being filed together with a new application,  
the filing date of the application is \_\_\_\_\_A. Patent Application No(s).  
10/298,473

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: Seed Intellectual Property Law Group PLLCInternal Address: FRANK ABRAMONTEStreet Address: 701 Fifth Avenue, Suite 6300City: Seattle State: WA ZIP: 98104-7092

## 6. Total number of applications and patents involved.....1

7. Total Fee (37 CFR 3.41): .....\$40

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

19-1090

## 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.*DENNIS M. DE GUZMAN

Name of Person Signing

Signature

Date

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

DO NOT USE THIS SPACE

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## ASSIGNMENT

WHEREAS, I, Fengtai Huang (hereinafter referred to as ASSIGNOR), having a mailing address of 526 Rodfam Drive, Windsor, Ontario, Canada N9G 2W1, am the sole inventor of an invention entitled "STARTUP APPARATUS AND METHOD FOR POWER CONVERTERS," as described and claimed in the specification for which an application for United States letters patent was filed on November 18, 2002, and assigned Application No. 10/298,473;

WHEREAS, Ballard Power Systems Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 15001 Commerce Drive North, Dearborn, Michigan 48120, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

03-19-2003  
Date

Fengtai Huang  
Fengtai Huang

State of Michigan  
County of Wayne

ss.

I certify that I know or have satisfactory evidence that Fengtai F. Huang is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated March 19, 2003  
Signature of Notary Public Gwyn Lesnick  
Printed Name Gwyn Lesnick  
My appointment expires 12-15-13

**GWYN LESNICK**  
**NOTARY PUBLIC WAYNE CO., MI**  
**MY COMMISSION EXPIRES Dec 15, 2013**

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