



5-9-03 PA

102446554

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

1. Names of conveying parties:

1) LI CHEN  
2) RICHARD J. HAMPO  
3) VENKATAPATHI R. NALLAPA  
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 NORTH

City: DEARBORN State MI

Zip: 48120

Additional names & addresses attached?  Yes  No

3. Nature of conveyance:

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

Execution Dates:

1) APRIL 4, 2003 4) \_\_\_\_\_  
2) APRIL 8, 2003 5) \_\_\_\_\_  
3) APRIL 10, 2003 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).  
10/345,872

Additional numbers attached?  Yes  No

B. Patent No(s).

OFFICE OF PUBLIC RECORDS  
2003 MAY -9 AM 4:08  
FINANCE SECTION

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

Name: Seed Intellectual Property Law Group PLLC

Internal Address: FRANK ABRAMONTE

Street Address: 701 Fifth Avenue, Suite 6300

City: Seattle State: WA ZIP: 98104-7092

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

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

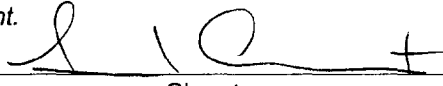
Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
19-1090

05/12/2003 ECOOPER 00000069 10345872

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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.*

FRANK ABRAMONTE  5 MAY 03  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 4

## ASSIGNMENT

WHEREAS, we, Li Chen, Richard J. Hampo, and Venkatapathi R. Nallapa (hereinafter referred to as ASSIGNORS), having mailing addresses of 35484 Bennett Street, Livonia, Michigan 48152; 13745 Embers Court, Plymouth, Michigan 48170; and 7006 Carlyle Crossing, West Bloomfield, Michigan 48322; respectively, are the joint inventors of an invention entitled "OVERMODULATION SYSTEMS AND METHODS FOR INDUCTION MOTOR CONTROL," as described and claimed in the specification for which an application for United States letters patent was filed on January 15, 2003, and assigned Application No. 10/345,872. This application claims the benefit of Provisional Application No. 60/319,075, filed on January 16, 2002.

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, ASSIGNORS hereby sell, assign and transfer 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 as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree 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 letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

April 4th, 2003  
Date  
State of MICHIGAN)  
County of WAYNE)

Li Chen  
Li Chen  
ss.

I certify that I know or have satisfactory evidence that Li Chen 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 April 4, 2003  
Signature of Tiffany P. Steyer  
Notary Public TIFFANY P. STEYER  
My appointment expires Sept 11, 2007

TIFFANY P. STEYER  
Notary Public, Oakland County Michigan  
My Commission Expires: September 11, 2007

4/8/03  
Date  
State of Michigan)  
County of Wayne)

Richard J. Hampo  
Richard J. Hampo  
ss.

I certify that I know or have satisfactory evidence that Richard J. Hampo 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 April 8, 2003  
Signature of Elbert N. Taylor  
Notary Public Elbert N. Taylor  
My appointment expires July 09, 2004

Date 4/10/2003

Venkatapathi R. Nallapa  
Venkatapathi R. Nallapa


State of Michigan)

County of Wayne)

ss.

I certify that I know or have satisfactory evidence that Venkatapathi R. Nallapa 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 April 10, 2003

Signature of Notary Public 

Printed Name Patricia Garrison

My appointment expires 1/23/06

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(130209.469)

**ATRICIA GARRISON**  
**NOTARY PUBLIC WAYNE CO., MI**  
**MY COMMISSION EXPIRES Jan 23, 2006**