

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Christophe Soudier</td><td>05/16/2005</td></tr><tr><td>Lizhi Zhu</td><td>05/09/2005</td></tr><tr><td>Vinod Reddy</td><td>07/20/2005</td></tr><tr><td>Venkatapathi R. Nallapa</td><td>05/11/2005</td></tr></tbody></table>	Name	Execution Date	Christophe Soudier	05/16/2005	Lizhi Zhu	05/09/2005	Vinod Reddy	07/20/2005	Venkatapathi R. Nallapa	05/11/2005	
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Venkatapathi R. Nallapa	05/11/2005										
RECEIVING PARTY DATA											
Name:	Ballard Power Systems Corporation										
Street Address:	15001 Commerce Drive North										
City:	Dearborn										
State/Country:	MICHIGAN										
Postal Code:	48120										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11096236</td></tr></tbody></table>	Property Type	Number	Application Number:	11096236							
Property Type	Number										
Application Number:	11096236										
CORRESPONDENCE DATA											
Fax Number:	(206)682-6031										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	robyng@SeedIP.com										
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NAME OF SUBMITTER:	Timothy L. Boller										
Total Attachments: 3											
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CH \$40.00 11096236

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PATENT
REEL: 016318 FRAME: 0239

ASSIGNMENT

WHEREAS, we, Christophe Soudier, Lizhi Zhu, Vinod Reddy, and Venkatapathi R. Nallapa (hereinafter referred to as ASSIGNORS), having mailing addresses of 9538 Glenhill Drive, Ypsilanti, Michigan 48198; 48580 Greenwich Circle, Canton, Michigan 48188; 42607 Capitol, Novi, Michigan 48375; and 7006 Carlyle Crossing, West Bloomfield, Michigan 48322, respectively, are the joint inventors of an invention entitled "METHOD, APPARATUS AND ARTICLE FOR BI-DIRECTIONAL DC/DC POWER CONVERSION," as filed with the U.S. Patent and Trademark Office on March 30, 2005, and assigned Application No. 11/096,236;

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

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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.

5/16/05
Date
State of Michigan
County of Wayne

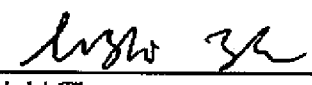

Christophe Soudier

ss.

I certify that I know or have satisfactory evidence that Christophe Soudier 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 5/16/05
Signature of Danielle P Webb
Notary Public
Printed Name Danielle P. Webb
My appointment expires Feb 25, 2011

5/19/05
Date
State of Michigan
County of Wayne


Lizhi Zhu

ss.

I certify that I know or have satisfactory evidence that Lizhi Zhu 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 5-9-05
Signature of Danielle P Webb
Notary Public
Printed Name Danielle P. Webb
My appointment expires Feb 25, 2011

Application No. 11/096,236

7/20/05
Date
State of MICHIGAN
County of OAKLAND)
ss. Vinod Reddy X

I certify that I know or have satisfactory evidence that Vinod Reddy 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.

STEVEN M. NELSON
Notary Public, State of Michigan
County of Oakland
My Commission Expires Jun. 16, 2008
Acting in the County of _____

Dated 7-20-2005
Signature of [Signature]
Notary Public
Printed Name STEVEN NELSON
My appointment expires 6-16-2008

5/11/05
Date
State of Michigan
County of Wayne)
ss. Venkatapathi R. Nallapa X

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 5-11-05
Signature of [Signature]
Notary Public
Printed Name Danielle P. Webb
My appointment expires Feb 25, 2011

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