

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	10/06/2004

**CONVEYING PARTY DATA**

Name	Execution Date
Thomas R. Bockelmann	10/04/2004
Mark E. Hope	10/06/2004
Zhanjiang Zou	10/04/2004
Xiaosong Kang	10/04/2004

**RECEIVING PARTY DATA**

Name:	Eaton Corporation
Street Address:	Eaton Center, 1111 Superior Avenue
City:	Cleveland
State/Country:	OHIO
Postal Code:	44114-2584

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	10936370

**CORRESPONDENCE DATA**

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 Address Line 4: Bingham Farms, MICHIGAN 48025-2457

NAME OF SUBMITTER:	Bradley J. Diedrich
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Total Attachments: 5

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**PATENT  
 REEL: 015250 FRAME: 0571**

**CH \$40.00 10936370**

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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Thomas R. Bockelmann, Mark E. Hope, Zhanjiang Zou, and Xiaosong Kang (hereinafter referred to as Assignors), residing at 122 Winding Wood Way, Battle Creek, Michigan 49014; 15603 Kathryn Trail, Marshall, Michigan 49068; 1107 East Michigan Avenue, Apt. #27, Battle Creek, Michigan 49014; and 1111 East Michigan Avenue, Apt. #60, Battle Creek, Michigan 49014; respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in **BATTERY CONTROL SYSTEM FOR HYBRID VEHICLE AND METHOD FOR CONTROLLING A HYBRID VEHICLE BATTERY**, set forth in a Patent application for Letters Patent of the United States, filed on September 8, 2004 as U.S. application No. 10/936,370; and

**WHEREAS**, EATON CORPORATION, a Corporation organized under and pursuant to the laws of Ohio having its principal place of business at Eaton Center, 1111 Superior Avenue, Cleveland, Ohio 44114-2584 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of

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**PATENT**  
**REEL: 015250 FRAME: 0573**

its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

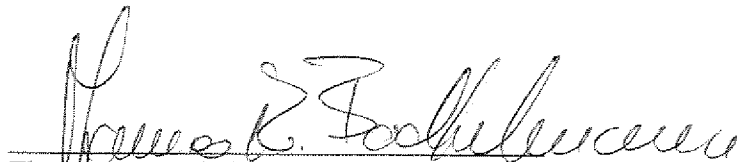
HONIGMAN MILLER SCHWARTZ AND COHN LLP

All practitioners at Customer Number 44200

Bradley J. Diedrich, 47,526; John P. Guenther, 39,698

John A. Kastelic, 34,635

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

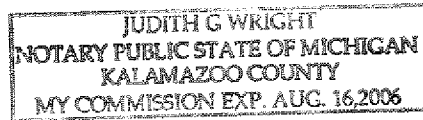
  
Thomas R. Bockelmann

Date: 10/04/04

United States of America )  
State of Michigan ) ss.: 361-84-6082  
County of Kalamazoo

On this 4th day of October, 2004, before me personally came Thomas R. Bockelmann, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



acting in Kalamazoo  
County

Mark E. Hope  
Mark E. Hope

Date: 10/6/04

United States of America )  
State of Michigan ) ss.: 111-64-7630  
County of Kalamazoo )

On this 6th day of October, 2004, before me personally came Mark E. Hope, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Karen A. Gentilia  
Notary Public

**KAREN A. GENTILIA**  
Notary Public, Kalamazoo County, MI  
My Commission Expires Dec. 10, 2007

Zhanjiang Zou  
Zhanjiang Zou

Date: Oct. 4, 2004

United States of America )  
State of Michigan ) ss.: 377-23-3748  
County of Kalamazoo )

On this 4th day of October, 2004, before me personally came Zhanjiang Zou, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Judith G. Wright  
Notary Public

JUDITH G. WRIGHT  
NOTARY PUBLIC STATE OF MICHIGAN  
KALAMAZOO COUNTY  
MY COMMISSION EXP. AUG. 16, 2006

Acting in Kalamazoo County  
Attorney Docket: 209593-82338

Xiaosong Kang  
Xiaosong Kang

Date: 10/04/04

United States of America )  
State of Michigan ) ss.: 654-07-4870  
County of Kalamazoo )

On this 4th day of October, 2004, before me personally came Xiaosong Kang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Judith G Wright  
Notary Public

JUDITH G WRIGHT  
NOTARY PUBLIC STATE OF MICHIGAN  
KALAMAZOO COUNTY  
MY COMMISSION EXP. AUG. 16, 2006

acting in Kalamazoo  
County

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