

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Thomas R. Bockelmann	10/19/2004
Kevin D. Beaty	10/11/2004
Zhanjiang Zou	10/11/2004
Xiaosong Kang	10/11/2004

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:	10917575

CORRESPONDENCE DATA

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Correspondent Name: Honigman Miller Schwartz and Cohn LLP
Address Line 1: 32270 Telegraph, Suite 225
Address Line 4: Bingham Farms, MICHIGAN 48025-2457

NAME OF SUBMITTER:

Bradley J. Diedrich

Total Attachments: 5

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PATENT

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Thomas R. Bockelmann, Kevin D. Beaty, Zhanjiang Zou, and Xiaosong Kang (hereinafter referred to as Assignors), residing at 122 Winding Wood Way, Battle Creek, Michigan 49014; 5147 Colony Woods Dr., Kalamazoo, Michigan 49009; 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 August 13, 2004 as U.S. application No. 10/917,575; 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

Attorney Docket: 209593-81847

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:

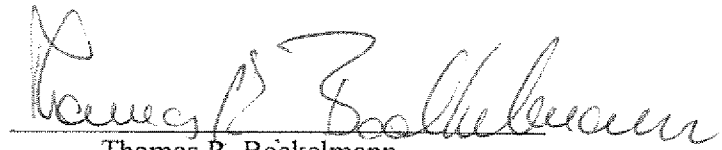
HONIGMAN MILLER SCHWARTZ AND COHN LLP

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. Böckelmann

Date: 10/19/04

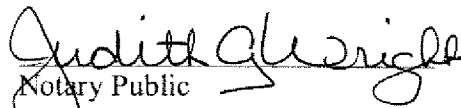
United States of America)

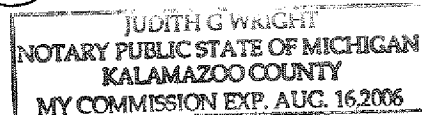
State of

County of

Michigan ss.: 361846082
Kalamazoo

On this 19th 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

[Signature]
Kevin D. Beaty

Date: 10/11/04

United States of America)
State of Michigan) ss.:
County of Kalamazoo)

On this 11th day of October, 2004, before me personally came Kevin D. Beaty, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]
Notary Public

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

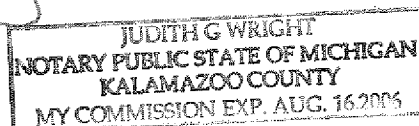
[Signature]
Zhanjiang Zou

Date: 10/11/04

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

On this 11th day of Oct, 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.

[Signature]
Notary Public



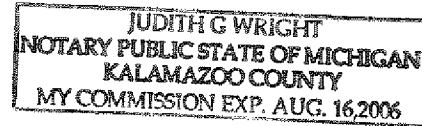
Xiaosong Kang
Xiaosong Kang

Date: 10/11/04

United States of America)
State of Michigan) ss.:
County of Kalamazoo)

On this 11th 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



acting in Kalamazoo
County