506553052 03/15/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONG WANG	11/02/2020
ANDREW N. EDLER	03/12/2021

RECEIVING PARTY DATA

Name:	EATON INTELLIGENT POWER LIMITED	
Street Address:	30 PEMBROKE ROAD	
City:	DUBLIN 4	
State/Country:	IRELAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16979645

CORRESPONDENCE DATA

Fax Number: (248)647-5210

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: sherry.wade@dinsmore.com
Correspondent Name: DINSMORE & SHOHL LLP

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ATTORNEY DOCKET NUMBER:	50EATO12602PA 232180-120	
NAME OF SUBMITTER:	KEVIN S. MACKENZIE	
SIGNATURE:	/Kevin S. MacKenzie/	
DATE SIGNED:	03/15/2021	

Total Attachments: 3

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PATENT 506553052 REEL: 055585 FRAME: 0980

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Hongbin Wang and Andrew N. Edler (hereinafter

referred to as Assignors), residing at 24570 Terra Del Mar Drive, Novi, Michigan 48374; and 1750

M-99 South, Homer, Michigan 49245, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in

ELECTRICALLY CONTROLLED AUTOMATIC LOCKER DIFFERENTIAL, set forth in a

Utility application for Letters Patent of the United States, already filed on September 10, 2020 as

U.S. Application No. 16/979645 for which an International Application was filed on . September 10,

2020, designating the United States; and

WHEREAS, Eaton Intelligent Power Limited, a Limited Partnership organized under

and pursuant to the laws of Ireland having its principal place of business at 30 Pembroke Road,

Dublin 4, IRELAND (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, for good and valuable consideration, the receipt and sufficiency

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 therefor 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 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.

Attorney Docket No: 50EATO12602PA

Client's Reference: 17TCP1156

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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 Utility 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:

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PATENT REEL: 055585 FRAME: 0982

DINSMORE & SHOHL LLP

All practitioners at Customer Number 25006

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

Date: <u>11/02/2020</u> Signature:

Hongbin Wang

Date: 3-/2-2/

Signature:

Andrew N. Edler

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PATENT REEL: 055585 FRAME: 0983