

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5691809

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EATON CORPORATION	12/31/2017
RECEIVING PARTY DATA	
Name:	EATON INTELLIGENT POWER LIMITED
Street Address:	30 PEMBROKE ROAD
City:	DUBLIN 4
State/Country:	IRELAND
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	15998530
Application Number:	16121334
Application Number:	16121322
PCT Number:	US1766594
Application Number:	62619979
Application Number:	16254182
CORRESPONDENCE DATA	
Fax Number:	(617)507-6127
<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	EATN-2402-U01
NAME OF SUBMITTER:	DEBBIE PETERSON
SIGNATURE:	/Debbie Peterson/
DATE SIGNED:	08/28/2019
Total Attachments: 7	
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CONFIRMATORY PATENT ASSIGNMENT AGREEMENT

With reference to the Intellectual Property Assignment Agreement (the "IPAA") of December 31, 2017 (the "Effective Date") between

(1) **Eaton Corporation**, an Ohio corporation having its registered office at CT Corporation System, 4400 Easton Commons Way, Suite 125, Columbus, OH 43219, registration number 47290 (the "Assignor"), and,

(2) **Eaton Intelligent Power Limited**, an Irish limited company having its registered office at 30 Pembroke Road, Dublin 4, Ireland, registration number 523985 (the "Assignee"),

for good and valuable consideration, receipt of which is acknowledged, Assignor and Assignee agree as follows:

A. Definitions

1. The words and expressions defined in the IPAA shall have the same meaning and effect in this Confirmatory Patent Assignment Agreement ("Agreement").
2. **"Patent Assets"** means the patents and patent applications identified in the attached Schedule of Patent Assets, including any and all United States and foreign patents, utility models, and design registrations applied for or granted for any inventions disclosed or claimed in the identified patents and patent applications and for improvements on those inventions; and the right to claim priority based on the identified patents and patent applications and improvements thereof under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

B. Assignment

1. With effect as of the Effective Date, the Assignor has irrevocably and unconditionally assigned, transferred, conveyed, and sold to the Assignee, and the Assignee has accepted, all of the Assignor's right, title and interest in and to the Patent Assets, including the right to sue for past damages and recover damages for past infringements and other remedies in respect of any past or future infringements or violations of such rights and to

retain any damages obtained as a result of such action, free and clear of all Encumbrances other than Permitted Encumbrances.

2. The Assignor has agreed that it shall upon request and for no additional consideration do and execute or procure that there shall be done and executed in a form or manner reasonably satisfactory to the Assignee all such documents, deeds, matters, acts and things as the Assignee may at any time require properly to vest the Acquired Intellectual Property, including the Patent Assets, or any part thereof in the Assignee or otherwise to perfect the Assignee's title. Without limiting the generality of the foregoing, the Assignor agrees and undertakes to provide to the Assignee (at its request) all reasonable assistance with any Proceeding that may be brought by or against the Assignee against or by any third party relating to the rights assigned by this Agreement.
3. The Assignee is given full powers to attend to the recordal of this Agreement before the relevant authority(s) as necessary to enforce the above mentioned rights and obligations in conformity with the IPAA and hereby confirmed by the present Agreement.
4. This Agreement and any dispute arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the laws of Ireland without giving effect to its rules on conflicts of law. Each of the Parties irrevocably agrees that the courts of Ireland (excluding Northern Ireland) are to have exclusive jurisdiction to settle any dispute arising out of or in connection with this Agreement and, for such purposes, irrevocably submits to the exclusive jurisdiction of such courts. Any Proceeding arising out of or in connection with this Agreement shall therefore be brought in the courts of Ireland. Each of the Parties to this Agreement irrevocably waives any objection to Proceedings in the courts referred to in this clause B.4 on the grounds of venue or on the grounds of forum non conveniens.

5. This Agreement may be executed in any number of counterparts, each of which when executed and delivered shall constitute an original of this Agreement, and all the counterparts shall together constitute the same Agreement.

IN WITNESS OF WHICH, THIS AGREEMENT HAS BEEN DULY EXECUTED BY
THE UNDERSIGNED SIGNATORIES ON BEHALF OF THE PARTIES.

(Signature page follows.)

SIGNED FOR AND ON BEHALF OF EATON CORPORATION

By:

A handwritten signature in black ink, appearing to be 'Lizbeth Wright', written over a horizontal line.

Name:


Lizbeth Wright

Title:

Assistant Secretary

SIGNED FOR AND ON BEHALF OF EATON INTELLIGENT POWER LIMITED

By:



Name:

SEÁN HARTE

Title:

DIRECTOR

Schedule of Patent Assets

Docket Number	Country	Application Number	Application Date	Patent Number	Grant Date	Title
13ECD251DIV	Japan	201805081	22-Apr-13			VARIABLE VALVE LIFT SYSTEMS, METHODS, AND DEVICES
13ECD170DIV	China	2018108953672	22-Apr-13			VARIABLE VALVE LIFT SYSTEMS, METHODS, AND DEVICES
12-ECD-277 DIV	China	2018111296108	30-Apr-13			MONITORING AND DIAGNOSIS OF VARIABLE VALVE ACTUATION SYSTEMS
12ECD790DIV	Japan	2018245202	5-Nov-13			DEVELOPMENT OF A SWITCHING ROLLER FINGER FOLLOWER FOR CYLINDER DEACTIVATION IN INTERNAL COMBUSTION ENGINES
13ECD170DIV	European Patent Convention	19155546.5	8-Apr-14			CYLINDER HEAD ARRANGEMENT FOR VARIABLE VALVE ACTUATION ROCKER ARM ASSEMBLIES
13-ECD-170-CHIN-DIV	China	2018111984263	14-Apr-14			CYLINDER HEAD ARRANGEMENT FOR VARIABLE VALVE ACTUATION ROCKER ARM ASSEMBLIES
17-VGE-1232 PROV	United States	62619979	22-Jan-18			CONTROL STRATEGY TO PREVENT DAMAGE FOR HYBRID DRIVEN HVAC COMPRESSOR
13-ECD-145 CON DIV CON	United States	15995530	16-Aug-18			ROCKER ARM ASSEMBLY AND COMPONENTS THEREFOR
13-ECD-170 BYCON CON	United States	18121322	4-Sep-18			CYLINDER HEAD ARRANGEMENT FOR VARIABLE VALVE ACTUATION ROCKER ARM ASSEMBLIES
12-ECD-277 CON CON	United States	16121334	4-Sep-18			SYSTEMS, METHODS, AND DEVICES FOR VALVE STEM POSITION SENSING
18-VGE-868	India	201811034735	14-Sep-18			SYSTEM, METHOD, AND APPARATUS FOR INTEGRATING ELECTRICAL POWER FOR A NON-MOTIVE LOAD
08-ASD-210 CN	China	2009801366179	22-Jul-09	CN200980136617.9	Jan 22, 2014	VALVETRAIN OIL CONTROL SYSTEM AND OIL CONTROL VALVE
08-ASD-210-JP	Japan	20110520158	22-Jul-09	5856148	Dec 5, 2014	VALVETRAIN OIL CONTROL SYSTEM AND OIL CONTROL VALVE
08-ASD-210 KR	Korea	20117003985	22-Jul-09	10-1536196	Jul 14, 2015	VALVETRAIN OIL CONTROL SYSTEM AND OIL CONTROL VALVE
16-CLU-081PCT	Patent Cooperation Treaty	PCT/US2017056594	15-Dec-17			CLUTCH ASSEMBLY HAVING HIGH REPEATABILITY AND SERVICABILITY

Schedule of Patent Assets

Docket Number	Country	Application Number	Application Date	Patent Number	Grant Date	Title
17-VGE-1232	United States	16254182	22-Jan-19			CONTROL STRATEGY TO PREVENT DAMAGE FOR HYBRID DRIVEN HVAC COMPRESSOR