507401716 07/25/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7448644

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRITAM BHURKE	04/26/2021
VARSHA M. NEMANE	04/19/2021
ANDREW N. EDLER	04/28/2021
JUAN I. GIGLIO	05/13/2021
SARVESH S. KULKARNI	06/15/2022

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17189666

CORRESPONDENCE DATA

Fax Number:

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.

Email: cjohnson@meimark.com

Correspondent Name: MEI & MARK LLP **Address Line 1:** P.O. BOX 65981

Address Line 4: WASHINGTON, D.C. 20035-5981

ATTORNEY DOCKET NUMBER:	20018.0293-US
NAME OF SUBMITTER:	CHRISTINA JOHNSON
SIGNATURE:	/CJ/
DATE SIGNED:	07/25/2022

Total Attachments: 15

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PATENT 507401716 REEL: 060603 FRAME: 0278

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WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DIFFERENTIAL AND ELECTROMAGNETIC DIFFERENTIAL WITH MAIN AND PILOT CLUTCHES

for which I/We executed an US Nonprovisional patent application on March 2, 2021 (Application No.17/189,666); and

WHEREAS I/We, the below named inventor(s), have made an invention entitled:

ELECTROMAGNETIC LSD CLUTCH PACK ARCHITECTURE TO ACHIEVE HIGHER CLUTCH TORQUE CAPACITY

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WHEREAS, Eaton Intelligent Power Limited, whose address is 30 Pembroke Road Dublin 4, Ireland (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the applications for United States Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, United States Non Provisional Patent Application No. 17/189,666 filed March 2, 2021, and Indian provisional patent Application No. 202011008898 filed March 2, 2020, and all nonprovisional applications, divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above application, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all provisional, divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

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Name:	Pritam Bhurke
Address:	12A, Primerose A. Sukhwani Campus
	Vallabhnagar, Pimpri,
	Pune, India 411018
	Citizenship: India
By:	<u> </u>
Date:	26 April 2021
Witness Signature	ə:
Name:	Varsha M. Nemane
Address:	77, Dakshata Nagar, Near Dhawan Vasti
	Pipelone Road (Tapowan Road), Savedi
	Ahmednagar, India 414003
_	Citizenship: India
By: Date:	
Witness Signature	e:
Name:	Andrew N. Edler
Address:	1750 M 99
	South Homer, Michigan 49245
	Citizenship: United States of America
By:	
Date:	
Witness	
Signature	e:

Name:	Juan I. Giglio
Address:	24610 Sherman St.
	Oak Park, MI 48237
	Citizenship: Uruguay
By:	
Date:	
- 4101	
Witness	
Signature	<u>ə</u> :
- 19	· ·
Name:	Sarvesh S. Kulkarni
Address:	Flat No. 52, Mohite Township,
	Wing A, Anand Nagar, Sinhagad Road
	Pune, India 411051
	Citizenship: India
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Ву:	Wemane-
Date:	19 Apr, 21
Witness Signature	ə:
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	South Homer, Michigan 49245
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Date:	
Witness Signature	e:

Page 2 of 3

Name:	Juan I. Giglio
Address:	24610 Sherman St.
	Oak Park, MI 48237
	Citizenship: Uruguay
By:	
Date:	
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Witness	
Signature	ð:
Name:	Sarvesh S. Kulkarni
Address:	Flat No. 52, Mohite Township,
	Wing A, Anand Nagar, Sinhagad Road
	Pune, India 411051
	Citizenship: India
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Date:	5/13/2021
	5, 15, E5E 1
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Page 2 of 3

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Witness

RECORDED: 07/25/2022

Signature: __