505249210 12/21/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SHRINIVAS KULKARNI	12/19/2018	
CHRIS W SCHOTTLER	12/19/2018	
SUHAS DHAKATE	12/19/2018	
PRATYUSH ROUT	12/19/2018	
M S SHASHISHEKAR	12/19/2018	

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:	16228943

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: ETNZ200169US01/18EFL514

NAME OF SUBMITTER: ROGER A. JOHNSTON

SIGNATURE: /Roger A. JOHNSTON/

DATE SIGNED: 12/21/2018

Total Attachments: 2

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PATENT 505249210 REEL: 047839 FRAME: 0156

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, the undersigned ("Inventors"), SHRINIVAS KULKARNI, an Indian national of F1/2, Shubhashree Woods, Pimple Saudagar, Pune 411027 India, CHRIS W. SCHOTTLER, a citizen of the United States, of 8676 Stonefield Lane, Chanhassen, MN 55317 US, SUHAS DHAKATE, an Indian national of F-2, 1001, Hariganga society, near RTO Yerwada, Pune-411006 Maharashtra, India, PRATYUSH ROUT, an Indian national of Plot 309/1801, Subplot -6, Sector-3, Niladri Vihar, Bhubaneswar-751021 Odisha, India, and MS SHASHISHEKAR, an Indian national of WB 103, Swarvihar Apartments, Hadapsar, Pune 411028 Maharashtra, India, who have created a certain invention for which a U.S. Patent Application has been

\boxtimes	executed concurrently herewith	
	executed on	
	filed , and assigned Application Serial No.	
П	claims the benefit of U.S. Provisional Application(s) No(s).	filed

and is entitled

SELF-CLEANING AND MONITORING FILTRATION SYSTEM

hereby sell, assign and transfer to Eaton Intelligent Power Limited, ("Assignee"), a corporation of Ireland, having a place of business at 30 Pembroke Road, Dublin 4, Ireland, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventors if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventors could have done if the foreign application had been filed in the names of the Inventors, and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventors authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters

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PATENT REEL: 047839 FRAME: 0157 Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventors covenant that Inventors have the full right to convey the said entire interest herein assigned and that Inventors have not executed and will not execute any agreement in conflict herewith, and Inventors will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventors respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventors will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventors further covenant and agree that Inventors will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventors or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at <u>FUNE TNDIA</u>	on 19th DECEMBER SWWY	, 201 <u>8</u> .
	SHRINIVAS KULKARNI	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Signed at Eden Prairie, MN	on Dec 194	, 201 <u>8</u> .
	CHRIS W. SCHOTTLER	
Signed at PUNE, INDIA	on 194. Dec.	, 201 <u>8</u> .
	SUHAS DHAKATE	
Signed at PUNE, INDIA	on 1915 Docember	, 201 <u>&</u> .
•	PRATYUSH ROUT	
Signed at PUNE, INDIA	on 19 TH Dec	, 201 <u>8</u> .
	MSQ-1	
	M S SHASHISHEKAR	

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PATENT REEL: 047839 FRAME: 0158

RECORDED: 12/21/2018