504757104 01/31/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ZHIQIAO WU	02/16/2011
IVAN JADRIC	02/17/2011

RECEIVING PARTY DATA

Name:	JOHNSON CONTROLS TECHNOLOGY COMPANY
Street Address:	2875 HIGH MEADOW CIRCLE
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326-2773

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15088092

CORRESPONDENCE DATA

Fax Number: (202)672-5399

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: IPDocketing@Foley.com, kwashnesky@foley.com

Correspondent Name: FOLEY & LARDNER LLP **Address Line 1:** 3000 K STREET, N.W.

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Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER: 112389-0103	
NAME OF SUBMITTER:	JAMES M. CAMPBELL
SIGNATURE:	/James M. Campbell/
DATE SIGNED:	01/31/2018

Total Attachments: 3

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PATENT 504757104 REEL: 044791 FRAME: 0689

Attorney Docket No.: 26425-0045-01

Application No.:

JOINT ASSIGNMENT OF APPLICATION

Whereas, We, Zhiqiao WU and Ivan JADRIC, hereafter referred to as "applicants" or "assignors", who reside at the corresponding addresses provided below, have invented certain new and useful improvements in a METHOD AND SYSTEM FOR CONTROLLING

A PERMANENT MAGNET SYNCHRONOUS MOTOR

\boxtimes	for which an application for a Uni	ted States Patent will be		
	subsequently filed. We hereby a	uthorize and request an a	ttorney	
	having the power of attorney to p	having the power of attorney to prosecute the application from		
	McNees Wallace & Nurick LLC of 100 Pine Street, P.O. Box 1166,			
	Harrisburg, PA 17108 to insert he	Harrisburg, PA 17108 to insert here in parenthesis (Application		
	number, filed		_) the filing	
	date and application number of th	ne application when know	n.	
]	for which an application for a Unit	or which an application for a United States Patent was filed on		

Whereas, JOHNSON CONTROLS TECHNOLOGY COMPANY, whose street address is 915 East 32nd Street, Holland, MI 29423, United States of America, herein referred to as "assignee," is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all 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 such 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 We hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as

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Attorney Docket No.: 26425-0045-01

Application No.:

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

AND, We hereby further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all 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 Letters Patent 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.

We hereby declare that all statements made herein and on the accompanying Assignment Recordal Letter of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

Attorney Docket No.: 26425-0045-01

Citizenship: United States

Application No.:

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, we hereunto set our hands having read and understood this Assignment.

7) nuy	2/16/201	mak d	. Cramer	2/16/2011
As	signor	Date	Witness		Date
90. Yo Un	iqiao WU 4 Hedgegate Lane rk, Pennsylvania 17404 ited States of America izenship: China	4	Linda Witness	<u>Lampleell</u>	<i>2 16 3</i> 0 / Date
M	u Juellu'	2/17/2011	Withess	W Jengan	- ² /17/11 Date
lva 48 Yo	signor n JADRIC 7 Linden Avenue rk, Pennsylvania 17404 ited States of America	Date 1	Smila	Campbell	2/11/2011

Witness

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PATENT REEL: 044791 FRAME: 0692

Date