PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAHESH M. SWAMY	12/23/2020
NATHAN T. SEIPEL	01/06/2021

RECEIVING PARTY DATA

Name:	YASKAWA AMERICA, INC.	
Street Address:	2121 NORMAN DRIVE SOUTH	
City:	WAUKEGAN	
State/Country:	ILLINOIS	
Postal Code:	60085	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17143254

CORRESPONDENCE DATA

Fax Number: (312)876-2020

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: ksanderson@woodphillips.com Correspondent Name: F. WILLIAM MCLAUGHLIN Address Line 1: **500 WEST MADISON STREET**

Address Line 2: **SUITE 1130**

Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	YAS00598P00281US
NAME OF SUBMITTER:	F. WILLIAM MCLAUGHLIN
SIGNATURE:	/F. William McLaughlin/
DATE SIGNED:	04/06/2021

Total Attachments: 4

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> **PATENT** REEL: 055841 FRAME: 0451

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Assignment

Serial No.:	17/143,254	Filed	January 7, 2021
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In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in a VARIABLE FREQUENCY DRIVE DC BUS CAPACITOR CONFIGURATION TO LIMIT DC BUS SHORT CIRCUIT CURRENT and in the application for Letters Patent of the United States therefor, executed by the undersigned concurrently herewith, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to Yaskawa America, Inc., an Illinois corporation, having offices at 2121 Norman Drive South, Waukagan, IL 60085 and the successors, legal representatives and assigns of Yaskawa America, Inc. (hereinafter collectively called said Assignee), and the Commissioner for Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said considerations it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said considerations, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony.

Page 1 of 2

Serial No.:	17/143,254	Filed:	January 7, 2021	······································
The attorneys of re the undersigned to provided therefor.	cord in such applicatio insert in this Assignme	n for patent are here ent the date and seri	eby authorized and reque ial number thereof in the	sted by places
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	***************************************	Mahesh M. Swa	my	
	Executed th	his 23 day of 1	EcemBER	<u>. 20]</u> .D
State of The County of 1 P) SS.			
On <u>Don'the</u> , 20 <u>20</u> , <u>Mahesh M. Swamy</u> appeared before me, a Notary Public, in and for the State and County aforesaid, and acknowledged that he freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.				
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(SEAL)	N TO THE RESERVE TO T	Notary Public	3 3	
Official Seal Notary Public - State of My Commission Expires Jar		ssion Expires:	01/13/2024	

Assignment

Serial No.:	17/143,254	Filed:	January 7, 2021

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in a VARIABLE FREQUENCY DRIVE DC BUS CAPACITOR CONFIGURATION TO LIMIT DC BUS SHORT CIRCUIT CURRENT and in the application for Letters Patent of the United States therefor, executed by the undersigned concurrently herewith, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to Yaskawa America, Inc., an Illinois corporation, having offices at 2121 Norman Drive South, Waukegan, IL 60085 and the successors, legal representatives and assigns of Yaskawa America, Inc. (hereinafter collectively called said Assignee), and the Commissioner for Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

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Page 1 of 2

Serial No.:	17/143,254	Filed:	January 7, 2021
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		Nathan T. Seipe	el
	Executed	this 6 h day of =	January ,2021
State of MISC County of MI	Consin)		
On(In)(Public, in and for to voluntarily subscription expressed.	he State and County bed and executed the	, 20 <u>2l, Nathan T. Se</u> aforesaid, and acknov e foregoing Assignmer	eipel appeared before me, a Notary vledged that he freely and nt for the purposes and uses therein
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(SEAL)	My Comp	Notary Public	10/04/2021
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