PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORBERT KROPIEWNICKI	01/08/2018
XIAFU WANG	01/15/2018

RECEIVING PARTY DATA

Name:	HARTING ELECTRIC GMBH & CO. KG	
Street Address:	WILHELM-HARTING-STR. 1	
City:	ESPELKAMP	
State/Country:	GERMANY	
Postal Code:	32339	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15745960		

CORRESPONDENCE DATA

Fax Number: (520)882-7643

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.

Phone: 5208827623

Email:cgee@hayes-soloway.comCorrespondent Name:NORMAN P. SOLOWAYAddress Line 1:4640 E. SKYLINE DRIVEAddress Line 4:TUCSON, ARIZONA 85718

ATTORNEY DOCKET NUMBER:	HARTING P2015211	
NAME OF SUBMITTER:	NORMAN P. SOLOWAY	
SIGNATURE:	/norman p. soloway/	
DATE SIGNED:	02/07/2018	

Total Attachments: 2

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PATENT 504767861 REEL: 045278 FRAME: 0859

<u>ASSIGNMENT</u>

I, Norbert Kropiewnicki of Bielefeld, Germany having invented certain inventions and improvements in CONTACT CARRIER and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 15/745,960 filed January 18, 2018), for good and valuable consideration, the receipt of which is hereby acknowledged from HARTING Electric GmbH & Co. KG, a German corporation having its principal place of business at Wilhelm-Harting-Str. 1, 32339 Espelkamp, Germany (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the abovementioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;				
And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;				
And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;				
And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, fitle, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.				
IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.				
Inventor's signature <u>Monies achie</u> Date <u>Ol. 01 2018</u> Full name (typed or printed) Norbert Kropiewnicki				
Witness: No Hong Witness: Missen Stock Date: 08.01.2018 Date: 08.01.2018				

PATENT REEL: 045278 FRAME: 0860

<u>ASSIGNMENT</u>

I, Xiafu Wang of Dresden, Germany having invented certain inventions and improvements in CONTACT CARRIER and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 15/745,960 , filed January 18, 2018), for good and valuable consideration, the receipt of which is hereby acknowledged from HARTING Electric GmbH & Co. KG, a German corporation having its principal place of business at Wilhelm-Harting-Str. 1, 32339 Espelkamp, Germany (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the abovementioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;						
And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;						
And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;						
And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.						
IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.						
Inventor's signature	ti ti ratio di di managana sa sa managana managana managana managana managana managana managana managana managa	Date				
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Witness: Phosh The	Wilness:	Mislin Slock 15.0x.2018				
Date: 15.01.2018	Oavle	15.01.2018				

PATENT REEL: 045278 FRAME: 0861

RECORDED: 02/07/2018