505739642 10/24/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5786455

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDRE TIEMANN	09/10/2019
HEIKO MEIER	09/10/2019
ANDRE BENEKE	09/11/2019
JÖRG ZIEGENHAHN	09/10/2019

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:	16606664

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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: 2066224900

Email: charisses@seedip.com **Correspondent Name:** SEED IP LAW GROUP LLP

701 FIFTH AVENUE Address Line 1:

Address Line 2: **SUITE 5400**

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	430176.407USPC
NAME OF SUBMITTER:	JARED M. BARRETT
SIGNATURE:	/Jared M. Barrett/
DATE SIGNED:	10/24/2019

Total Attachments: 4

source=Assignments#page1.tif source=Assignments#page2.tif

> **PATENT** REEL: 050817 FRAME: 0327 505739642

source=Assignments#page3.tif source=Assignments#page4.tif

> PATENT REEL: 050817 FRAME: 0328

ASSIGNMENT

I, Andre Tiemann of Bad Essen, Germany having invented certain inventions and improvements in RETAINING FRAME FOR A PLUG CONNECTOR AND EQUIPPING METHOD 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. 16/606,664 filed October 18, 2019), 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 sig	nature <u>Andre</u>	Tienan	Date 2019-09-70
Full name (ty	ped or printed) Andre Ti	emann	
Witness:	Olland	Witness:	Mistin Stock
Date:	2019/09-10	Date:	2019-09-10

ASSIGNMENT

I, Heiko Meier of Minden, Germany having invented certain inventions and improvements in RETAINING FRAME FOR A PLUG CONNECTOR AND EQUIPPING METHOD 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. 16/606,664 filed October 18, 2019), 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 signatu	ire dente		Date	2019-09-10	>
Full name (typed	or printed) Heiko Meier		3 -		
Witness:	alland	Witness:	Mistra	Slock	
Date:	2019-09-10	Date:	2015	8-09-10	

ASSIGNMENT

I, Andre Beneke of Vechta, Germany having invented certain inventions and improvements in RETAINING FRAME FOR A PLUG CONNECTOR AND EQUIPPING METHOD 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. 16/606,664, filed October 18, 2019), 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

Date 1. 9. 2019

Full name (typed or printed) Andre Beneke

Witness: Willas Grewalt

Date: 11. 03. 2015

Docket No. HARTING P2017108US

<u>ASSIGNMENT</u>

I, Jörg Ziegenhahn of Büren, Germany having invented certain inventions and improvements in RETAINING FRAME FOR A PLUG CONNECTOR AND EQUIPPING METHOD 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. 16/606,664 , filed October 18, 2019), 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	60 M	2//	Date 10	0.09.2019
Full name (typed or pr	inted) Jørg Liege	nhahn	<u> </u>	The state of the s
Witness:	160	Witne	ss: Kistin	Sock
Date;	09. 20 (T)	Date:	10.03	. 2019