## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8389991

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOBIAS GROTE	01/04/2024
LUTZ HEUER	01/04/2024
DETLEV SCHUERGENS	01/16/2024

## **RECEIVING PARTY DATA**

Name:	PHOENIX CONTACT GMBH & CO. KG
Street Address:	FLACHSMARKTSTRASSE 8
City:	BLOMBERG
State/Country:	GERMANY
Postal Code:	32825

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	18577178

## **CORRESPONDENCE DATA**

Fax Number:

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:** 6097180979

Email: lisa.bianco@uspto.gov
Correspondent Name: STEVENS & LEE PC

Address Line 1: PRINCETON PIKE CORPORATE CENTER

**Address Line 2:** 100 LENOX DRIVE, SUITE 200

Address Line 4: LAWRENCEVILLE, NEW JERSEY 08648

ATTORNEY DOCKET NUMBER:	BZ021 (115936-00014)		
NAME OF SUBMITTER:	LISA BIANCO		
SIGNATURE:	/lisabianco/		
DATE SIGNED:	01/19/2024		

#### **Total Attachments: 6**

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## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Tobias GROTE (hereinafter "Assignor"), has invented a certain invention entitled:

# DIRECT VOLTAGE SWITCHING DEVICE HAVING EARTH FAULT PROTECTION

For which an application for	r a Patent in the United	l States was filed	at the [	Jnited State	es Patent
and Trademark Office on	January 5, 2024		under a	application	serial no.
18/577,178	; and				

WHEREAS, PHOENIX CONTACT GMBH & CO.KG, having a place of business at Flachsmarktstrasse 8, 32825 Blomberg, Germany (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforementioned patent application (hereinafter "Application"), and the invention disclosed therein (hereinafter "Invention"), and in and to all embodiments of the invention, heretofore conceived, made or discovered by the Assignor, and in and to any and all patents, inventors' certificates and other forms of protection (hereinafter "Patents") thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by the Assignor to have been received in full from said Assignee:

- 1. The Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents covering the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted, covering the Invention, in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.
- 2. The Assignor hereby covenants and agrees to cooperate with the Assignee to enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering embodiments of the Invention; (d) for filing and prosecuting applications for reissuance of any of the Patents; (e) for interference or other priority proceedings involving the Invention; and (f) for legal proceedings involving the Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.

Docket No.: BZ021 (15936-00013)

3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives, and shall be binding upon the Assignor, his respective heirs, legal representatives and assigns.

- 4. The Assignor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. The Assignor further hereby authorizes Assignee or his attorneys or agents, to insert the correct Application Number and Filing Date into this Assignment, if none is indicated on the date of my execution of this agreement.

IN WITNESS WHEREOF, the Assignors have executed and delivered this instrument to the Assignee on the date indicated below.

BY: \_\_\_\_\_\_

Tobias GROTE

DATED: 04.01.2024

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Lutz HEUER (hereinafter "Assignor"), has invented a certain invention entitled:

## DIRECT VOLTAGE SWITCHING DEVICE HAVING EARTH FAULT PROTECTION

For which an application for	or a Patent in the Uni	ted States was filed	at the	United States Paten
and Trademark Office on _	January 5, 2024		under	application serial no
18/577,178	; and			

WHEREAS, PHOENIX CONTACT GMBH & CO.KG, having a place of business at Flachsmarktstrasse 8, 32825 Blomberg, Germany (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforementioned patent application (hereinafter "Application"), and the invention disclosed therein (hereinafter "Invention"), and in and to all embodiments of the invention, heretofore conceived, made or discovered by the Assignor, and in and to any and all patents, inventors' certificates and other forms of protection (hereinafter "Patents") thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by the Assignor to have been received in full from said Assignee:

- 1. The Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents covering the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted, covering the Invention, in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.
- 2. The Assignor hereby covenants and agrees to cooperate with the Assignee to enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering embodiments of the Invention; (d) for filing and prosecuting applications for reissuance of any of the Patents; (e) for interference or other priority proceedings involving the Invention; and (f) for legal proceedings involving the Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.

- The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives, and shall be binding upon the Assignor, his respective heirs, legal representatives and assigns.
- 4. The Assignor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. The Assignor further hereby authorizes Assignee or his attorneys or agents, to insert the correct Application Number and Filing Date into this Assignment, if none is indicated on the date of my execution of this agreement.

IN WITNESS WHEREOF, the Assignors have executed and delivered this instrument to the Assignee on the date indicated below.

Lutz Heuer

DATED: <u>04.01.2024</u>

#### ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Detley SCHUERGENS (hereinafter "Assignor"), has invented a certain invention entitled:

## DIRECT VOLTAGE SWITCHING DEVICE HAVING EARTH FAULT PROTECTION

For which an application f	or a Patent in the	United States was filed	at the United States Patent
and Trademark Office on			under application serial no.
18/577,178	) and		
***************************************			

WHEREAS, PHOENIX CONTACT GMBH & CO.KG, having a place of business at Flachsmarktstrasse 8, 32825 Blomberg, Germany (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforementioned patent application (hereinafter "Application"), and the invention disclosed therein (hereinafter "Invention"), and in and to all embodiments of the invention, heretofore conceived, made or discovered by the Assignor, and in and to any and all patents, inventors' certificates and other forms of protection (hereinafter "Patents") thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by the Assignor to have been received in full from said Assignee:

- 1. The Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents covering the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted, covering the Invention, in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.
- 2. The Assignor hereby covenants and agrees to cooperate with the Assignee to enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering embodiments of the Invention; (d) for filing and prosecuting applications for reissuance of any of the Patents; (e) for interference or other priority proceedings involving the Invention; and (f) for legal proceedings involving the Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.

- The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives, and shall be binding upon the Assignor, his respective heirs, legal representatives and assigns.
- The Assignor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- The Assignor further hereby authorizes Assignee or his attorneys or agents, to insert the 5. correct Application Number and Filing Date into this Assignment, if none is indicated on the date of my execution of this agreement.

IN WITNESS WHEREOF, the Assignors have executed and delivered this instrument to the Assignee on the date indicated below.

DATED: 16.01, 2024