

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3130812

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RENATO KITCHENER	10/10/2014
	GUNTHER ROGOLL	10/14/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	PEPPERL + FUCHS GMBH	
<b>Street Address:</b>	LILIENTHALSTRASSE 200	
<b>City:</b>	MANNHEIM	
<b>State/Country:</b>	GERMANY	
<b>Postal Code:</b>	68307	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14399384
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(908)654-7866	
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<b>Correspondent Name:</b>	LDLK&M	
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<b>ATTORNEY DOCKET NUMBER:</b>	GFRED 3.3-037 (E)	
<b>NAME OF SUBMITTER:</b>	RAYMOND W. AUGUSTIN	
<b>SIGNATURE:</b>	/Raymond W. Augustin/	
<b>DATE SIGNED:</b>	12/03/2014	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

GFRED 3.3-037 (E)

Whereas, I, Renato Kitchener of  
Lashburn, Wandleys Lane, Walberton, Arundel, WEST SUSSEX, BN18 0QR, UNITED KINGDOM

hereafter referred to as assignor, have with others invented certain new and useful improvements in  
**APPARATUS FOR TESTING DATA COMMUNICATIONS ON TWO WIRE COMBINED  
 POWER AND DATA NETWORK SYSTEMS FOR AUTOMATION**

☒ for which an application for a United States Letters Patent was filed on November 6, 2014  
 Application Number 14/399,384

☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_,

☒ for which an International Application was filed on May 8, 2013, as  
PCT/EP2013/059633, designating the United States.

And

Whereas, Pepperl + Fuchs GmbH

a corporation of Germany herein referred to as "assignee" whose mailing address is

Lilienthalstrasse 200, 68307 Mannheim, GERMANY

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, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

10-10-2014

Date



Renato Kitchener



Witness

GUNTHER ROGOLL  
 Typed Name of Witness

☒ \*Total of 2 forms are submitted.

## ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

GFRED 3.3-037 (E)

Whereas, I, Gunther Rogoll of  
c/o Pepperl + Fuchs GmbH, Lilienthalstrasse 200, 68307 Mannheim, GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in  
**APPARATUS FOR TESTING DATA COMMUNICATIONS ON TWO WIRE COMBINED  
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- ☒ for which an application for a United States Letters Patent was filed on November 6, 2014  
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PCT/EP2013/059633, designating the United States.

And

Whereas, Pepperl + Fuchs GmbH  
 a corporation of Germany herein referred to as "assignee" whose mailing address is  
Lilienthalstrasse 200, 68307 Mannheim, GERMANY  
 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, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

14 OCT 2014

Date

Gunther Rogoll

Steffen Graber  
 Witness

STEFFEN GRABER

Typed Name of Witness

☒ \*Total of 2 forms are submitted.

PATENT

RECORDED: 12/03/2014

REEL: 034360 FRAME: 0588