

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
 RENATO KITCHENER (04/13/2010),
 GUNTHER ROGOLL (04/13/2010), AND
 STEFFEN GRABER (04/13/2010)

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: PEPPERL + FUCHS GMBH

Internal Address: _____

Street Address: _____

KONIGSBERGER ALLEE 87

City: MANNHEIM

State: _____

Country: Germany Zip: D-68307

Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:

Assignment Merger

Security Agreement Change of Name

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
12/674,038

Additional numbers attached? Yes No

This document is being filed together with a new application.

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:

Name: Raymond W. Augustin
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Aity. Dkt.: GFRED 3.3-028

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6318

Fax Number: (908) 654-0415

Email Address: raugustin@ldlkm.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

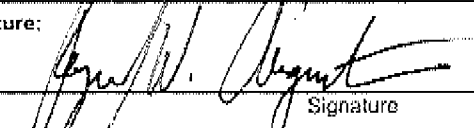
Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 12-1095
 Authorized User Name Raymond W. Augustin

9. Signature:  June 3, 2010
 Signature Date

Raymond W. Augustin - 28,588
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

CH \$40.00 121095 12674038

PATENT

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

GFRED 3.3-028

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

hereafter referred to as assignor, have with others invented certain new and useful improvements in Electrical Communications Circuit With Spur Diagnostics

for which an application for a United States Letters Patent was filed on February 18, 2010
Application Number 12/674,038

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on November 14, 2008, as PCT/GB2008/003841, designating the United States.

And

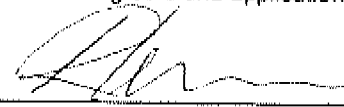
Whereas, Pepperl + Fuchs GmbH
a corporation of Germany herein referred to as "assignee" whose mailing address is Konigsberger Allee 87; D-68307 Mannheim; GERMANY

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 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.

13 APR 2010
Date


Renato Kitchener


Witness

SCHMIDT
Typed Name of Witness

*Total of 3 forms are submitted.

form: PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) GFRED 3.3-028
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Whereas, I, Gunther Rogoll of Pepperl + Fuchs GmbH; Konigsberger Allee 87; D-68307 Mannheim; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in Electrical Communications Circuit With Spur Diagnostics

for which an application for a United States Letters Patent was filed on February 18, 2010
Application Number 12/674,038

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on November 14, 2008, as PCT/GB2008/003841, designating the United States.

And

Whereas, Pepperl + Fuchs GmbH
a corporation of Germany herein referred to as "assignee" whose mailing address is Konigsberger Allee 87; D-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 dollars (\$ 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.

73 APR 2010
Date



Gunther Rogoll



Witness
SCHMIDT
Typed Name of Witness

*Total of 3 forms are submitted.

LD-513V

former PTO/SB/15 (8-00) Modified LDLK&M

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

GFRED 3.3-028

Whereas, I, Steffen Graber of Pepperl + Fuchs GmbH; Konigsberger Allee 87; D-68307 Mannheim; GERMANY

hereafter referred to as assignor, have with others invented certain now and useful improvements in Electrical Communications Circuit With Spur Diagnostics

for which an application for a United States Letters Patent was filed on February 18, 2010
Application Number 12/674,038

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on November 14, 2008, as PCT/GB2008/003841, designating the United States.

And

Whereas, Pepperl + Fuchs GmbH a corporation of Germany herein referred to as "assignee" whose mailing address is Konigsberger Allee 87; D-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 dollars (\$ 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.

13 APR 2010
Date

Steffen Graber
Steffen Graber

Schmidt
Witness

SCHMIDT
Typed Name of Witness

*Total of 3 forms are submitted.

LD-515

PATENT

RECORDED: 06/03/2010

REEL: 024484 FRAME: 0116