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OMB No. 0651-0027 (exp. 5/30/2005) RECORDATION FO	RM COVER SHEET
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) belo
1. Name of conveying party(ios)/Execution Date(s): RENATO KITCHENER (04/13/2010), GUNTHER ROGOLL (04/13/2010), AND STEFFEN GRABER (04/13/2010)	2. Name and address of receiving party(ies) Name: PEPPERL + FUCHS GMBH
Execution Date(s): <u>in parentheses after inventor name</u> Additional name(s) of conveying party(les) attached? Yes x No	Internal Address:
3. Nature of Conveyance:	KONIGSBERGER ALLEE 87
Security Agreement Change of Name	City: MANNHEIM
Government Interest Assignment Executive Order 9424, Confirmatory License Other	State:
 A. Patent Application or patent number(s): A. Patent Application No.(s) 12/674,038 Additional numbers attached 	This document is being filed together with a new application. B. Patent No.(s)
5. Name and address to whom correspondence	d? Yes XNo 6. Total number of applications and 1 patents involved:
	6. Total number of applications and
5. Name and address to whom correspondence concerning document should be mailed: Name: Raymond W. Augustin LERNER, DAVID, LITTENBERG,	6. Total number of applications and 1 patents involved:
5. Name and address to whom correspondence concerning document should be mailed: Name: Raymond W. Augustin LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	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 X Authorized to be charged to deposit account Enclosed -
5. Name and address to whom correspondence concerning document should be mailed: Name: Raymond W. Augustin LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Ally. Dkt.: GFRED 3.3-028	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 X Authorized to be charged to deposit account Enclosed -
5. Name and address to whom correspondence concerning document should be mailed: Name: Raymond W. Augustin LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Ally. Dkt.: GFRED 3.3-028 Street Address: 600 South Avenue West City: Westfield	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 X Authorized to be charged to deposit account Enclosed None required (government interest not alfocting 8. Payment Information
S. Name and address to whom correspondence concerning document should be mailed: Name: Raymond W. Augustin LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Ally. Dkt.: GFRED 3.3-028 Street Address: 600 South Avenue West Street Address: 600 South Avenue West City: Westfield State: NJ Zip: 07090 Phone Number: (908) 518-6318	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 X Authorized to be charged by credit card Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number
Name and address to whom correspondence concerning document should be mailed: Name: Raymond W. Augustin LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Alty. Dkt.: GFRED 3.3-028 Street Address: 600 South Avenue West Street Address: 600 South Avenue West City: Westfield State: NJ Zip: 07090 Phone Number: (908) 518-6318 Fax Number: (908) 654-0415	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 X Authorized to be charged by credit card Enclosed None required (government interest not affecting A. Credit Card Last 4 Numbers Expiration Date

1166737

ASSIGNMENT	IGNMENT OF UTILITY APPLICATION	farmer PTO/SB/15 (8-00) Modified LC Docket Number (Optional)	
ACCIONMENT		GFRED 3.3-028	
Whereas, I, Renato	Kilchener		
	eys Lane: Walberton; WEST SUSSEX		
hereafter referred to as	Periopor hous with others invested as a	BIN 18 UCK, UNITED KINGDOM	
Electrical Comm	assignor, have with others invented cert inications Circuit With Spur Diagnos	am new and useful improvements in	
(Concerning)			
		ent was filed on February 18, 2010	
Application Nu	THE REPORT OF A DECISION OF A DECISIONO OF A DECI		
from the second	plication for a United States Letters Pater		
	nternational Application was filed on		
PCT/GB2008/	003841 , designating the United	States.	
And			
	Fuchs GmbH	T /1/1/1 ································	
a corporation of <u>German</u>	hy herein referred to as "assignee" whos	e mailing address is	
<u>nonigsperger Allee</u> s desirous of acquiring t	87; D-68307 Mannheim; GERMANY		
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coloring and the stolo	selo uthity detent application and all o	UCIDAL divisional continuation substitute or review	
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	former PTO/SB/15 (8-00) Modified LDL Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	GFRED 3.3-028
Whereas, I, Gunther Rogoli	of
Pepperl + Fuchs GmbH; Konigsberger Allee 87; D-6830	
hereafter referred to as assignor, have with others invented certa	
Electrical Communications Circuit With Spur Diagnost	
X for which an application for a United States Letters Pate	nt was filed on February 18, 2010
Application Number 12/674,038	
for which an application for a United States Letters Paten	t was executed by me on,
x for which an International Application was filed on	November 14, 2008 , as
PCT/GB2008/003841 , designating the United	States.
Whereas. Pepperl + Fuchs GmbH	
a corporation of <u>Germany</u> herein referred to as "assignee" whose Konigsberger Allee 87; D-68307 Mannheim; GERMANY	a maning accress is
s desirous of acquiring the entire right, title and interest in the sa	me:
he aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its egal representatives, and including the right to claim such prior irademarks is hereby authorized and requested to issue all pat- aid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and covenan- ill original, divisional, continuation, reissue and other applications signments thereof to said assignee or its assigns, to communi nown to the undersigned respecting said improvements, where agal proceedings in which any of said applications or patents mill rightful oaths, and to do generally everything necessary to aid blain patent protection for said improvements in all countries, the nod by said assignee.	own use and the use of its successors, assigns a rity or benefit and the Commissioner of Patents a tents on said improvements or resulting therefrom erein; and the undersigned for me and my leg it without further remuneration, to execute and deliv- ins for Letters Patent on said improvements and icate to said assignee or its representatives all fac- ver requested, to testify in any interferences or oth tay become involved, to sign all lawful papers, ma d assignee, its successors, assigns and nominees is expenses incident to said applications to be bon
nd I do hereby authorize my attorneys to insert on this deed the hen known.	filing date and application number of said application
73 APR 2010	
Date _	Gunther Rogoll
Sel_in	
Witness	
<u>SC 1+ M (D7</u>	
Typed Name of Witness	
x *Total of 3 forms are submitted.	۵٬۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰
$\underline{\mathbf{x}}$ rotation 3 torms are submitted.	

	former PTO/S8/15 (8-00) Modified LD Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	GFRED 3.3-028
Whereas, I, <u>Steffen Graber</u>	of
Peppert + Fuchs GmbH; Konigsberger Allee 87; D-6830	7 Mannhelm; GERMANY
nereafter referred to as assignor, have with others invented certa	ain new and useful improvements in
Electrical Communications Circuit With Spur Diagnost	lics
for which an application for a United States Letters Pate Application Number <u>12/674,038</u>	ent was filed onFebruary 18, 2010
for which an application for a United States Letters Pater for which an International Application was filed on	nt was executed by me on ,
PCT/GB2008/003841 , designating the United	
And Vhereas, Pepperi + Fuchs GmbH	
corporation of <u>Germany</u> berein referred to as "assignee" whose	e mailing address is
Konigsberger Allee 87; D-68307 Mannhelm; GERMANY	
s desirous of acquiring the entire right, title and interest in the sa	ime;
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phications and patents applied for or granted therefor in the f aid invention, including without limitation all applications and pa be aforesaid utility application pursuant to any law or treaty, an fringement with the right to sue for and collect the same for its agal representatives, and including the right to claim such prio rademarks is hereby authorized and requested to issue all pai aid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and covenan- il original, divisional, continuation, reissue and other applications signments thereof to said assignee or its assigns, to commun- nown to the undersigned respecting said improvements, where gal proceedings in which any of said applications or patents m 1 rightful oaths, and to do generally everything necessary to aid otain patent protection for said improvements in all countries, the here paid by said assignee.	Id including all claims for damages by reason of p s own use and the use of its successors, assigns a inity or benefit and the Commissioner of Patents a tents on said improvements or resulting therefrom terein; and the undersigned for me and my least without further remuneration, to execute and deli- ons for Letters Patent on said improvements and nicate to said assignee or its representatives all fa ever requested, to testify in any interferences or oth may become involved, to sign all lawful papers, may d assignee, its successors, assigns and nominees the expenses incident to said applications to be bor
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PATENT REEL: 024484 FRAME: 0116