PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4027613

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANZ DOLD	08/16/2016
JONAS WEIDENMULLER	07/24/2016
STEPHAN HENNEBERGER	07/28/2016
FREDERIK BEHRE	08/01/2016

RECEIVING PARTY DATA

Name:	SICK AG
Street Address:	ERWIN-SICK-STRASSE 1
City:	WALDKIRCH
State/Country:	GERMANY
Postal Code:	79183

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15248456

CORRESPONDENCE DATA

Fax Number: (703)683-8396

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.

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Email: hpierce@nathlaw.com

Correspondent Name: NATH, GOLDBERG & MEYER

Address Line 1: 112 S WEST STREET 34699U JLM HP

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	34699U
NAME OF SUBMITTER:	JERALD L. MEYER
SIGNATURE:	/Jerald L. Meyer/
DATE SIGNED:	08/29/2016

Total Attachments: 4

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PATENT 503980957 REEL: 039563 FRAME: 0700

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DECLARATION UNDER 37 CFR §1.63 AND ASSIGNMENT

docket_no._34699U (ST3-15_2330,03)

		igned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed g invention:
Title:	CONT	ROL APPARATUS FOR CONTROLLING A SWITCHING ELEMENT
U.S. a	pplicatio	n serial number or PCT international application number
Filed o	on [
The al	ove-ide	ntified application was made or authorized to be made by me.
l belie applica		I am the original inventor or an original joint inventor of a claimed invention in the
WHER	REAS.	SICK AG
		s address is
		Erwin-Sick-Strasse 1, 79183 Waldkirch, Germany
United any a Interna	States nd all o ational 0	erred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the and elsewhere throughout the world in and to said invention and application, including divisions and continuations thereof, all rights of priority under the terms of the Convention for the Protection of Industrial Property, and any and all Letters Patent granted thereon, including any and all renewals, reissues and prolongations thereof.
the ur repres world, thereo industr all rer advant all suc thereo ample	le considersign entative in and f, all rigrial Propewals, lages in Letter and as	THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and ideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, ed hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal is, the entire right, title and interest for the United States and elsewhere throughout the to said invention and application, including any and all divisions and continuations has of priority under the terms of the International Convention for the Protection of erty, and any and all Letters Patent which may be granted thereon, including any and reissues and prolongations thereof, with all the rights, powers, privileges, and any way arising from or pertaining thereto, for and during the term or terms of any and its Patent when granted, including any and all renewals, reissues and prolongations is use and benefit of said ASSIGNEE and its assigns and legal representatives, in as beneficial a manner for all intents and purposes as the undersigned might or could enjoyed the same had this assignment not been made.
or any neede The ur said a	ited Sta assign d in cor dersign pplicatio	indersigned hereby agrees to execute all papers necessary to file said applications in tes and elsewhere throughout the world, and to assign the same to said ASSIGNEE, ee acquiring title to said invention, and to execute any other papers that may be unection with filing said application and securing any and all Letters Patent thereon. ed authorizes and requests the Commissioner of Patents to issue a Letters Patent on any and all divisions and continuations thereof, to said ASSIGNEE, its gal representatives, in accordance herewith.
under		by acknowledge that any willful false statement made in this Declaration is punishable C. §1001 by fine or imprisonment of not more than five (5) years, or both.
LEGA	L NAM	E OF INVENTOR: Frederik BEHRE
INVEI	VTOR:	SIGNATURE:
DATE	: 08	101/2016

DECLARATION UNDER 37 CFR §1.63 AND ASSIGNMENT

docket no. 346990 (ST3-15_2330,03)

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:
Title: CONTROL APPARATUS FOR CONTROLLING A SWITCHING ELEMENT
U.S. application serial number or PCT international application number
Filed on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, SICK AG
whose business address is Erwin-Sick-Strasse 1, 79183 Waldkirch, Germany
hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.
NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.
The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filling said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.
I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR: Franz DOLD
INVENTOR SIGNATURE:
DATE:

DECLARATION UNDER 37 CFR §1.63 AND ASSIGNMENT docket_no._34629U (ST3-15_2330,03)

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:
Title: CONTROL APPARATUS FOR CONTROLLING A SWITCHING ELEMENT
U.S. application serial number or PCT international application number
Filed on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, SICK AG
whose business address is
Erwin-Sick-Strasse 1, 79183 Waldkirch, Germany
hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.
NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.
The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.
I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR: Stephan HENNEBERGER
INVENTOR SIGNATURE: Stephan Houneherger
DATE: 07/28/16

DECLARATION UNDER 37 CFR §1.63 AND ASSIGNMENT

docket no. 34699U (ST3-15 2330,03)

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:

Title: CON	TROL APPARATUS FOR CONTROLLING A SWITCHING ELEMENT
U.S. applicat	ion serial number or PCT international application number
Filed on	
The above-id	entified application was made or authorized to be made by me.
l believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the
WHEREAS,	SICK AG
whose busine	ess address is
	Erwin-Sick-Strasse 1, 79183 Waldkirch, Germany

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.

The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR: Jonas WEIDENMÜLLER	,,,,,,,,,
INVENTOR SIGNATURE: Janes Mariella	
DATE: <u>07 - 29 - 2076</u>	

PATENT REEL: 039563 FRAME: 0705

RECORDED: 08/29/2016