07/21/2015 503400130

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3446757

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIRK SCHEKULIN	06/09/2015
SILVIA GROSS	06/09/2015
CHRIS HAERTSCH	06/09/2015
THOMAS BISIG	06/09/2015
ALEX ITTEN	06/09/2015
PIERRE CAVIN	06/09/2015

RECEIVING PARTY DATA

Name:	SCHMIDHAUSER AG
Street Address:	OBERE NEUSTRASSE 1
City:	ROMANSHORN
State/Country:	SWITZERLAND
Postal Code:	8590

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14438161

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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: 2026242500

Email: NUnverferth@crowell.com **Correspondent Name:** CROWELL & MORING, LLP

Address Line 1: 1001 PENNSYLVANIA AVENUE, N.W.

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	110300.67783US
NAME OF SUBMITTER:	JEFFREY D. SANOK
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	07/21/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 036139 FRAME: 0525

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Total Attachments: 6 source=67783US_AssignDec#page1.tif source=67783US_AssignDec#page2.tif source=67783US_AssignDec#page3.tif source=67783US_AssignDec#page4.tif

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ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	DC-DC Converter	
This projectment and dead	logation and dispated to (already was).	
	laration are directed to (check one): entified above by the attorney docket no, and title of invent	ion
□ PCT International □ PCT International	Application Number PCT/EP2013/072147, filed October 2	23, 2013
United States App	olication No, filed	···.
	ASSIGNMENT	
For good and valuable cobelow-named inventor I l	onsideration, the receipt and sufficiency of which are hereby have sold and assigned, and by these presents hereby sell ar	acknowledged, as a and assign, unto:
Name of Assignee:	Schmidhauser AG	
Address of Assignee:	Obere Neustrasse 1, 8590 Romanshorn, Switzerland	
and to the above-identific continuations thereof, and application or for said in by said ASSIGNEE, its s	all my right, title, and interest for the United States, its term of invention and United States patent application, including d in and to any and all Letters Patent of the United States the vention, including any and all reissues or extensions thereof uccessors, or assigns to the full end of the term or terms for unted as fully and entirely as would have been held and enjoyed.	any and all divisions or at may issue on any such , to be held and enjoyed which any and all such
I hereby authorize and re- Letters Patent to said ASS	quest the Director of the U.S. Patent and Trademark Office SIGNEE, its successors, or assigns in accordance herewith.	to issue any and all such
	at I have the full and unencumbered right to sell and assign ave not executed and will not execute any document or instruction.	
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States for said invention.		
	<u>DECLARATION</u>	
As a below named invent	or, I hereby declare that:	
The above-identified appl	lication was made or authorized to be made by me.	
I believe that I am the orig	ginal inventor or an original joint inventor of a claimed inve	ention in the application.
I hereby acknowledge that 1001 by fine or imprisonn	t any willful false statement made in this declaration is pun nent of not more than five (5) years, or both.	ishable under 18 U.S.C.
Signature: Dirk SC	CLLL:	3.6.2065 DATE

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	DC-DC Converter		
	claration are directed to (cl		*
		orney docket no. and title of CT/EP2013/072147, filed Oc	
		, filed	
	ASS	<u>IGNMENT</u>	
For good and valuable of below named inventor I	consideration, the receipt as have sold and assigned, as	nd sufficiency of which are b nd by these presents hereby s	nereby acknowledged, as a sell and assign, unto:
Name of Assignee:	Schmidhauser AG		
Address of Assignee:	Obere Neustrasse 1, 859	0 Romanshorn, Switzerlan	d
and to the above-identificontinuations thereof, at such application or for senjoyed by said ASSIG	ied invention and United S nd in and to any and all Le aid invention, including ar NEE, its successors or assi be granted as fully and en	tates patent application, incluters Patent of the United States and all reissues or extensions to the full end of the terr	is territories and possessions in uding any and all divisions or attes which may issue on any ons thereof, to be held and in or terms for which any and all ald and enjoyed by me had this
		J.S. Patent and Trademark C rassigns in accordance here	Office to issue any and all such with.
		ncumbered right to sell and a not execute any document o	assign the interests herein sold or instrument in conflict
or assigns all informatio and deliver any papers, a acts deemed necessary of perfect title to said inver all Letters Patent which ASSIGNEE, its successor	in known to me relating to make all rightful oaths, test or desirable by said ASSIG atton, to said application in may be granted therefor or ors or assigns, or to assist s	said invention or patent appl ify in any legal proceedings NEE, its successors, legal re	nuations thereof and to any and or extensions, in said ors, legal representatives or
	DEC	<u>LARATION</u>	
As a below named inven	dor, I hereby declare that:		
The above-identified app	olication was made or auth	orized to be made by me.	
I believe that I am the or	iginal inventor or an origin	ial joint inventor of a claime	d invention in the application.
I hereby acknowledge th 1001 by fine or imprisor	at any willful false stateme unent of not more than five	ent made in this declaration in (5) years, or both.	is punishable under 18 U.S.C.
and the second s	and the state of t		Os m
Signature: Inventor: Silvia G	ROSS		<u>9.6.2015</u>

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	DC-DC Converter	
the application i	al Application Number PC	neck one): ney docket no. and title of invention F/EP2013/072147, filed October 23, 2013, filed
	ASS	IGNMENT
For good and valuable below-named inventor	consideration, the receipt an I have sold and assigned, ar	d sufficiency of which are hereby acknowledged, as a did by these presents hereby sell and assign, unto:
Name of Assignee:	Schmidhauser AG	
Address of Assignee:	Obere Neustrasse 1, 8590	Romanshorn, Switzerland
and to the above-identif continuations thereof, a application or for said in by said ASSIGNEE, its	fied invention and United St nd in and to any and all Let nvention, including any and successors, or assigns to the ranted as fully and entirely	erest for the United States, its territories, and possessions in lates patent application, including any and all divisions or ters Patent of the United States that may issue on any such all reissues or extensions thereof, to be held and enjoyed e full end of the term or terms for which any and all such as would have been held and enjoyed by me had this
I hereby authorize and r Letters Patent to said A	equest the Director of the L SSIGNEE, its successors, or	J.S. Patent and Trademark Office to issue any and all such rassigns in accordance herewith.
I warrant and covenant and assigned and that I I herewith.	that I have the full and unen have not executed and will i	cumbered right to sell and assign the interests herein sold not execute any document or instrument in conflict
or assigns all information and deliver any papers, and deliver any papers, and deliver any papers, and deliver decessary coeffect title to said inversall Letters Patent that materials and SSIGNEE, its successions.	on known to me relating to somake all rightful oaths, testion desirable by said ASSIGNation, to said application incay be granted therefor or theors, or assigns, or to assist some	e to said ASSIGNEE, its successors, legal representatives, aid invention or patent application and that I will execute fy in any legal proceedings, and perform all other lawful IEE, its successors, legal representatives, or assigns to cluding divisions and continuations thereof and to any and ereon, including reissues or extensions, in said aid ASSIGNEE, its successors, legal representatives, or Patent of the United States for said invention.
	DECL	<u>ARATION</u>
As a below named inver	ntor, I hereby declare that:	
The above-identified app	plication was made or autho	rized to be made by me.
believe that I am the or	iginal inventor or an origina	al joint inventor of a claimed invention in the application.
	eat any willful false statement innent of not more than five	nt made in this declaration is punishable under 18 U.S.C. (5) years, or both.
Signature: WW nyentor: Chris H	ATTAL MAERTSCH	<u> </u>

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention: DC-DC Converter		
This assignment and declaration are directed to (check one): the application identified above by the attorney docked PCT International Application Number PCT/EP2013/ United States Application No.	072147, filed October 23, 2013	
<u>ASSIGNME</u>	NT	
For good and valuable consideration, the receipt and sufficien below named inventor I have sold and assigned, and by these	cy of which are hereby acknowledged, as a presents hereby sell and assign, unto:	
Name of Assignee: Schmidhauser AG		
Address of Assignee: Obere Neustrasse 1, 8590 Romansh	orn, Switzerland	
(hereinafter ASSIGNEE) all my right, title and interest for the and to the above-identified invention and United States patent continuations thereof, and in and to any and all Letters Patent such application or for said invention, including any and all re enjoyed by said ASSIGNEE, its successors or assigns to the fis such Letters Patent may be granted as fully and entirely as wo Assignment not been made.	application, including any and all divisions or of the United States which may issue on any issues or extensions thereof, to be held and all end of the term or terms for which any and all	
I hereby authorize and request the Director of the U.S. Patent Letters Patent to said ASSIGNEE, its successors or assigns in	and Trademark Office to issue any and all such accordance herewith.	
I warrant and covenant that I have the full and unencumbered and assigned and that I have not executed and will not execute herewith.		
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.		
DECLARATI	<u>on</u>	
As a below named inventor, I hereby declare that:		
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 inv	entor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in 1001 by fine or imprisonment of not more than five (5) years,	this declaration is punishable under 18 U.S.C. or both.	
Signature: 7335 Inventor: Thomas BISIG	9. 6. 2015 DATE	

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

little of Invention:	DC-DC Converter	
the application in PCT Internation	claration are directed to (check one): dentified above by the attorney docket no. and title of invention al Application Number PCT/EP2013/072147, filed October 23, 2013 application No, filed	
	<u>ASSIGNMENT</u>	
For good and valuable of below-named inventor l	consideration, the receipt and sufficiency of which are hereby acknowledged, as a have sold and assigned, and by these presents hereby sell and assign, unto:	
Name of Assignee:	Schmidhauser AG	
Address of Assignee:	Obere Neustrasse 1, 8590 Romanshorn, Switzerland	
and to the above-identificontinuations thereof, as application or for said in by said ASSIGNEE, its	c) all my right, title, and interest for the United States, its territories, and possessions in fied invention and United States patent application, including any and all divisions or and in and to any and all Letters Patent of the United States that may issue on any such avention, including any and all reissues or extensions thereof, to be held and enjoyed successors, or assigns to the full end of the term or terms for which any and all such ranted as fully and entirely as would have been held and enjoyed by me had this ade.	
I hereby authorize and r Letters Patent to said AS	equest the Director of the U.S. Patent and Trademark Office to issue any and all such SSIGNEE, its successors, or assigns in accordance herewith.	
I warrant and covenant t and assigned and that I h herewith.	that I have the full and unencumbered right to sell and assign the interests herein sold have not executed and will not execute any document or instrument in conflict	
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States for said invention.		
	<u>DECLARATION</u>	
As a below named inven	tor, I hereby declare that:	
	olication was made or authorized to be made by me.	
	iginal inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge the 1001 by fine or imprison	at any willful false statement made in this declaration is punishable under 18 U.S.C. ment of not more than five (5) years, or both.	
Signature: Inventor: Alex IT	## <u>9.6,75</u> DATE	

RECORDED: 07/21/2015

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	DC-DC Converter
☐ the application i ☑ PCT Internation	declaration are directed to (check one): dentified above by the attorney docket no. and title of invention al Application Number PCT/EP2013/072147, filed October 23, 2013 pplication No, filed
	ASSIGNMENT
For good and valuable below-named inventor	consideration, the receipt and sufficiency of which are hereby acknowledged, as a I have sold and assigned, and by these presents hereby sell and assign, unto:
Name of Assignee:	Schmidhauser AG
Address of Assignee:	Obere Neustrasse 1, 8590 Romanshorn, Switzerland
and to the above-identife continuations thereof, a application or for said in by said ASSIGNEE, its	E) all my right, title, and interest for the United States, its territories, and possessions in fied invention and United States patent application, including any and all divisions or and in and to any and all Letters Patent of the United States that may issue on any such an envention, including any and all reissues or extensions thereof, to be held and enjoyed successors, or assigns to the full end of the term or terms for which any and all such ranted as fully and entirely as would have been held and enjoyed by me had this ade.
I hereby authorize and r Letters Patent to said A	request the Director of the U.S. Patent and Trademark Office to issue any and all such SSIGNEE, its successors, or assigns in accordance herewith.
I warrant and covenant and assigned and that I lerewith.	that I have the full and unencumbered right to sell and assign the interests herein sold have not executed and will not execute any document or instrument in conflict
or assigns all informatic and deliver any papers, acts deemed necessary coperfect title to said inversall Letters Patent that man ASSIGNEE, its successions.	gree that I will communicate to said ASSIGNEE, its successors, legal representatives, on known to me relating to said invention or patent application and that I will execute make all rightful oaths, testify in any legal proceedings, and perform all other lawful or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to nation, to said application including divisions and continuations thereof and to any and ay be granted therefor or thereon, including reissues or extensions, in said ors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or ssuing, or enforcing Letters Patent of the United States for said invention.
	<u>DECLARATION</u>
As a below named inver	ntor, I hereby declare that:
The above-identified app	plication was made or authorized to be made by me.
believe that I am the or	riginal inventor or an original joint inventor of a claimed invention in the application.
hereby acknowledge th 1001 by fine or imprisor	at any willful false statement made in this declaration is punishable under 18 U.S.C. ment of not more than five (5) years, or both.
Signature:	CAVIN 3 July 2019