504387833 05/30/2017

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4434529

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIETER HACKL	05/22/2017
KARL SCHEPP	05/19/2017
MANFRED GEISS	05/17/2017
OLIVER SCHAEFER	05/17/2017

RECEIVING PARTY DATA

Name:	BENDER GMBH & CO. KG	
Street Address:	LONDORFER STRASSE 65	
City:	GRUENBERG	
State/Country:	GERMANY	
Postal Code:	35305	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15596083

CORRESPONDENCE DATA

Fax Number: (859)252-0779

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: 859-252-0889 Email: uspto@iplaw1.net

Correspondent Name: KING & SCHICKLI, PLLC

800 CORPORATE DRIVE, SUITE 200 Address Line 1: Address Line 4: LEXINGTON, KENTUCKY 40503

ATTORNEY DOCKET NUMBER:	2002-046
NAME OF SUBMITTER:	ANDREW D. DORISIO
SIGNATURE:	/Andrew D. Dorisio/
DATE SIGNED:	05/30/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title o	l'Invention: _	CIRCUIT ARRANGEMENTS	S FOR REDUCING POTENTIAL-INDUC	ED DEGRADATION IN PHOTOVOLTAIC MODI
	claration is dir			
₩.	The attached	application, or		
O.		application or PCT inter	mational application number	
	zed to be made	named inventor, I hereby by me; and (b) I believe the application.	y declare that: (a) the above-ider that I am the original inventor o	tified application was made or r an original joint inventor of a
WHER	EAS, Bender G	mbH & Co. KG	(hereinafter referre	d to as "ASSIGNEE") having a
is desi Patent	rous of acquiri	ng the entire right, title	and interest in and to said inve	ntion and in and to any Letters possessions and in any and all
for oth transfe territor Interna applica therefo	er good and var in unto said AS ial possessions itional Conven- ution) and the or in the United	hable consideration, the ISIGNEE, the full and estand in all foreign count tion and other relevant entire right, title and intel I States and its territorial	undersigned inventor(s) do, by to exclusive right to the said inven- tries (including the right to clair t International Treaties and Ar erest in and to any and all Lette	of is hereby acknowledged, and hese presents do sell, assign and tion in the United States and its a priority under the terms of the rangements from the aforesaid rs Patent which may be granted foreign countries and in and to f.
any an the ass succes	d all foreign co ignee of my en sors and assign	ountries to issue any and ntire right, title and inter is, to the full end of the	I all of said Letters Patent, wher rest in and to the same, for the	and its territorial possessions and a granted, to said ASSIGNEE as sole use of said ASSIGNEE, its ent may be granted, as fully and not been made.
inventi substit said L possib	on, and testify ute, renewal ar etters Patent to le to aid said A	y in any legal proceeding the reissue applications, end be issued to said ASSASSIGNEE, its (his) suc-	ng, sign all lawful papers, exec execute all necessary assignmen SIGNEE, make all rightful oath	ets known to me respecting said nute all divisional, continuation, t papers to cause any and all of s, and, generally do everything and enforce proper protection for I all foreign countries.
I hereb	y acknowledge y fine or impri	e that any willful false st sonment of not more than	statement made in this declaration five (5) years, or both.	n is punishable under 18 U.S.C.
Invent	DIF	TER HACKL		
Date:	$\overline{2}$	1.5.477		
Signat	ure:			

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title o	f Invention: CIRCUIT ARRANGEMENTS FOR REDUCING POTENTIAL-INDUCED DEGRADATION IN PHOTOVOLTAIC MOD
This d	eclaration is directed to:
Ø	The attached application, or
D	United States application or PCT international application number
	As the below named inventor, I hereby declare that: (a) the above-identified application was made or ized to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a d invention in the application.
is desi Patent	(hereinafter referred to as "ASSIGNEE") having a of business at: Londorfer Strasse 65 35305 Gruenberg Germany trous of acquiring the entire right, title and interest in and to said invention and in and to any Letters that may be granted therefore in the United States and its territorial possessions and in any and all a countries;
for oth transfe territor Interna applies therefe	THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and er good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and r unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its rial possessions and in all foreign countries (including the right to claim priority under the terms of the stional Convention and other relevant International Treaties and Arrangements from the aforesaid tion) and the entire right, title and interest in and to any and all Letters Patent which may be granted or in the United States and its territorial possessions and in any and all foreign countries and in and to dall divisions, reissues, continuations, substitutions and renewals thereof.
any an the ass succes	by authorize and request the Patent Office Officials in the United States and its territorial possessions and dall foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as signee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its sors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and y as the same would have been held by me had this Assignment and sale not been made.
inventi substit said L possib	r, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, contimuation, ute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of etters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything le to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for vention in the United States and its territorial possessions and in any and all foreign countries.
I herel 1001 b	by acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. by fine or imprisonment of not more than five (5) years, or both.
Invent	KARL SCHEPP
Date:	145,17
Simot	over A. A.

DECLARATION (37 CFR 1,63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1,76) AND ASSIGNMENT

	CIRCUIT ARRANGEMENTS FOR REDUCING POTENTIAL-INDUCED DEGRADATION IN PHOTOVOLTAIC MODULES	
Title of Invention:		
This de	claration is directed to:	
8	The attached application, or	
D	United States application or PCT international application number	
authori claimed	As the below named inventor, I hereby declare that: (a) the above-identified application was made or zed to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a linvention in the application.	
WHER	EAS, Bender GmbH & Co, KG (hereinafter referred to as "ASSIGNEE") having a f business at: Londorfer Strasse 65 35305 Gruenberg Germany	
is desir Patent	ous of acquiring the entire right, title and interest in and to said invention and in and to any Letters that may be granted therefore in the United States and its territorial possessions and in any and all countries;	
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I herel 1001 b	by acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. by fine or imprisonment of not more than five (5) years, or both.	
Invent	or: MANFRED GEISS	
Date:	19.05.10	
Signat	ure; M.GeA	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of	Invention: CIRCUIT ABRANGEMENTS FOR REDUCING POTENTIAL-INDUCED DEGRADATION IN PHOTOVOLTAIC MODULES
This dec	daration is directed to:
(2)	The attached application, or
O	United States application or PCT international application number
	As the below named inventor, I hereby declare that: (a) the above-identified application was made or ed to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a invention in the application.
WHER	AS, Bender GmbH & Co. KG (hereinafter referred to as "ASSIGNEE") having a business at: Londorfer Strasse 65 35305 Gruenberg Germany
is desire Patent t	business at: Londorfer Strasses 65 35305 Gruenberg Germany ous of acquiring the entire right, title and interest in and to said invention and in and to any Letters hat may be granted therefore in the United States and its territorial possessions and in any and all countries;
for othe transfer territori Internat applicat therefor	rherefore, for good and valuable consideration, the receipt whereof is hereby acknowledged, and r good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its all possessions and in all foreign countries (including the right to claim priority under the terms of the ional Convention and other relevant International Treaties and Arrangements from the aforesaid ion) and the entire right, title and interest in and to any and all Letters Patent which may be granted in the United States and its territorial possessions and in any and all foreign countries and in and to all divisions, reissues, continuations, substitutions and renewals thereof.
any and the assi	authorize and request the Patent Office Officials in the United States and its territorial possessions and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as gnee of tny entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its ors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and as the same would have been held by me had this Assignment and sale not been made.
substitution said Le	I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, te, renewal and reissue applications, execute all necessary assignment papers to cause any and all of ters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for tention in the United States and its territorial possessions and in any and all foreign countries.
I hereb	y acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. tine or imprisonment of not more than five (5) years, or both.
Invento	OLIVER SCHAEFER
Date:	17.05.17
Signatu	re: <u>[][]</u>

RECORDED: 05/30/2017