503365903 06/25/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3412525

SUBMISSION TYPE:		NEW ASSIGNMENT			
ATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
RALF BUCHAUER			06/18/2015		
BERND SCHÖNINGER			06/18/2015		
WILHELM WEITZENBERGER			06/18/2015		
ARMIN HOLZBAUER			06/18/2015		
RECEIVING PARTY DA	ТА				
Name:	KATHRE	IN-WERKE KG			
Street Address:	ANTON-	ANTON-KATHREIN-STR. 1-3			
City:	ROSENH	ROSENHEIM			
State/Country:	GERMAN	JY			
Postal Code:	83004				
Property Type		Number			
	14	1438725	-		
Application Number:	14	1438725			
Application Number:					
Application Number: CORRESPONDENCE D Fax Number:	ATA (7	03)816-4100			
Application Number: CORRESPONDENCE D. Fax Number: <i>Correspondence will be</i>	ATA (7 e sent to t				
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone:	ATA (7 e sent to t provided; 7(03)816-4100 he e-mail address first; if that is un if that is unsuccessful, it will be se 03-816-4000			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA (7 e sent to t provided; 7(vh	03)816-4100 he e-mail address first; if that is un if that is unsuccessful, it will be se 03-816-4000 namel@nixonvan.com			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA (7 e sent to t provided; 7(vh N	03)816-4100 <i>he e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be se</i> 03-816-4000 namel@nixonvan.com IXON & VANDERHYE P.C.	nt via US Mail.		
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA (7 e sent to t provided; 7(vr N 9(03)816-4100 he e-mail address first; if that is un if that is unsuccessful, it will be se 03-816-4000 namel@nixonvan.com	nt via US Mail.		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to t provided; 7(vr N 90 Al	03)816-4100 he e-mail address first; if that is un if that is unsuccessful, it will be se 03-816-4000 namel@nixonvan.com IXON & VANDERHYE P.C. 01 NORTH GLEBE ROAD, 11TH FLC	nt via US Mail.		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to t provided; 7(vr N 90 Al	03)816-4100 <i>he e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be se</i> 03-816-4000 namel@nixonvan.com IXON & VANDERHYE P.C. 01 NORTH GLEBE ROAD, 11TH FLC RLINGTON, VIRGINIA 22203	nt via US Mail.		
Application Number: CORRESPONDENCE D. Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to t provided; 7(vr N 90 Al	03)816-4100 he e-mail address first; if that is un if that is unsuccessful, it will be se 03-816-4000 namel@nixonvan.com IXON & VANDERHYE P.C. 01 NORTH GLEBE ROAD, 11TH FLC RLINGTON, VIRGINIA 22203 265-357	nt via US Mail.		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUMARE OF SUBMITTER:	ATA e sent to t provided; 7(vr N 90 Al	03)816-4100 he e-mail address first; if that is un if that is unsuccessful, it will be se 03-816-4000 hamel@nixonvan.com IXON & VANDERHYE P.C. 01 NORTH GLEBE ROAD, 11TH FLC RLINGTON, VIRGINIA 22203 265-357 ROBERT W. FARIS	nt via US Mail.		

source=265-357-Assignment#page2.tif source=265-357-Assignment#page3.tif source=265-357-Assignment#page4.tif Doc code: Oath Document Description: Oath or declaration filed

	Attorney Docket Number	RWF-265-357		
[First Named Inventor	BUCHAUER, Ralf		
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)				
OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	16(f)) required)			
TUNABLE HIGH FREQUENCY F	ILTER			
(Tille of the Invention)	ay to be Window and a memory of the system many community and a sequence of the system of the system of the sys			
As a below named inventor, I hereby declare that:				
This declaration is directed to: the attached application, or United States Application Number 14/438,725 filed April 27, 2015, 6 PCT International application number filed on.	or .			
The above-identified application was made or authorized to be made by me.				
I believe I am the original inventor or an original joint inventor of a claimed inve				
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.				
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention	in the Application identified al	DOVE.		
WHEREAS, KATHREIN-WERKE KG (hereinafter ASSIGNEE), a corporation of the Country of Germany, having an office and place of business at Anton-Kathrein-Str. 1-3, Rosenheim, Germany, 83004, is desirous of acquiring an interest therein;				
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other goo of which are hereby acknowledged, the said ASSIGNOR by these presents her ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S of America and all foreign countries, in and to the invention as described in the af- subsequent applications based thereon including any and all continuations, div all resulting patents, together with the right of priority under the International CC American Convention Relating to Patents, Designs and Industrial Models, and States of America adheres, and the ASSIGNOR hereby authorizes and reques said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented ASSIGNEE with respect to this invention;	reby sells, assigns, and transfi- entire right, title and interest in presaid application, and to the islons, reissues, and substitut novention for the Protection of any other international agreen to the Commissioner of Paten a, assigns, and legal represent only ASSIGNEE and will con	ers unto the said the United States of said application and to all es of said application, and Industrial Property, Inter- nents to which the United ts and Trademarks to issue tatives. It is understood and tinue to represent only		
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;				
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and				
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.				
AGREED and executed as noted below:				
LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	anna an			
Ralf	D	UCHAUER		
Inventor's Signature:	Date:	26. 2015		
Witnessed by: Name: Anche Komber				
	19.1	(\cdot)		
Signature of witness: Date: 10.00.2015				

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT REEL: 035904 FRAME: 0748 Doc code: Oath Document Description: Oath or declaration filed

	Attorney Docket Number	RWF-265-357		
	First Named Inventor	BUCHAUER, Ralf		
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OF USING AN APPLICATION DATA SH Declaration Submitted With Initial Filing	R DESIGN PATENT APPL IEET (37 CFR 1.76)	ICATION (37 CFR 1.63)		
OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	.16(f)) required)			
TUNABLE HIGH FREQUENCY F	ILTER			
(Title of the Invention)				
As a below named inventor, I hereby declare that:				
This declaration is directed to: the attached application, or United States Application Number 14/438,725 filed April 27, 2015, of PCT International application number filed on.	or			
The above-identified application was made or authorized to be made by me.				
I believe I am the original inventor or an original joint inventor of a claimed inventor				
I hereby acknowledge that any willful false statement made in this declaration is by fine or imprisonment of not more than five (5) years, or both.	s punishable under 18 U.S.C.	1001		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention	in the Application identified al			
WHEREAS, KATHREIN-WERKE KG (hereinafter ASSIGNEE), a corporation of business at Anton-Kathrein-Str. 1-3, Rosenheim, Germany, 83004, is desirous	f the Country of Germany, has of acquiring an interest therei	/ing an office and place of		
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good of which are hereby acknowledged, the said ASSIGNOR by these presents her ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR's end America and all foreign countries, in and to the invention as described in the afor subsequent applications based thereon including any and all continuations, divid all resulting patents, together with the right of priority under the International Co American Convention Relating to Patents, Designs and Industrial Models, and a States of America adheres, and the ASSIGNOR hereby authorizes and request said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented ASSIGNEE with respect to this invention;	eby sells, assigns, and transf entire right, title and interest in oresaid application, and to the Isions, reissues, and substitut novention for the Protection of any other international agreen ts the Commissioner of Paten a, assigns, and legal represent only ASSIGNEE and will con	ers unto the said the United States of said application and to all es of said application, and Industrial Property, Inter- nents to which the United is and Trademarks to issue atives. It is understood and tinue to represent only		
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIC representatives, and without further remuneration, in and to any improvements, of or related to the said invention;	GNEE, its successors, assign and applications for patents I	s, and legal based thereon, growing out		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successor to ASSIGNEE'S full protection and title in and to the invention hereby transferre	rs, assigns, and legal represe ad; and	ntatives, deemed essential		
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further rep ASSIGNEE, for the filing and granting of foreign applications and the perfecting	muneration, to execute any ar of title thereto in ASSIGNEE.	id all papers desired by		
AGREED and executed as noted below:				
LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	n na na mangana na mang Na na	78007.8535333999.900909.90999.9009.9199.00099997939333299332699		
Berpd, n		HÖNINGER		
Inventor's Signature:	Date: 18.6	-15°		
Witnessed by:				
Name: Alfred THAMER				
Signature of witness	Date: 18,00	5. 20-15-		

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT REEL: 035904 FRAME: 0749 Doc code: Oath Document Description: Oath or declaration filed

	Attorney Docket Number	RWF-265-357		
	First Named Inventor	BUCHAUER, Ralf		
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OF USING AN APPLICATION DATA SH Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	EET (37 CFR 1.76)	LICATION (37 CFR 1.63)		
TUNABLE HIGH FREQUENCY F				
(Title of the Invention)				
As a below named inventor, I hereby declare that:				
This declaration is directed to: ☐ the attached application, or ⊠ United States Application Number 14/438,725 filed April 27, 2015, o ☐ PCT International application number filed on.	57			
The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed inver I hereby acknowledge that any willful false statement made in this declaration is by fine or imprisonment of not more than five (5) years, or both.		1001		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention	in the Application identified a	bove.		
WHEREAS, KATHREIN-WERKE KG (hereinafter ASSIGNEE), a corporation of business at Anton-Kathrein-Str. 1-3, Rosenheim, Germany, 83004, is desirous	the Country of Germany ha	ving an office and place of		
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good of which are hereby acknowledged, the said ASSIGNOR by these presents here ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S effective America and all foreign countries, in and to the invention as described in the afor subsequent applications based thereon including any and all continuations, divi- all resulting patents, together with the right of priority under the International Co- American Convention Relating to Patents, Designs and Industrial Models, and a States of America adheres, and the ASSIGNOR hereby authorizes and request said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented ASSIGNEE with respect to this invention;	eby sells, assigns, and transf intire right, title and interest in presaid application, and to the sions, reissues, and substitut invention for the Protection of any other international agreer s the Commissioner of Paten assigns, and legal represen	ers unto the said i the United States of a said application and to all les of said application, and industrial Property, Inter- ments to which the United its and Trademarks to issue tatives. It is understood and		
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIC representatives, and without further remuneration, in and to any improvements, of or related to the said invention;	ONEE, its successors, assign and applications for patents	is, and legal based thereon, growing out		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successor to ASSIGNEE'S full protection and title in and to the invention hereby transferre	s, assigns, and legal represe d; and	ntatives, deemed essential		
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further rer ASSIGNEE, for the filing and granting of foreign applications and the perfecting	nuneration, to execute any a of title thereto in ASSIGNEE.	nd all papers desired by		
AGREED and executed as noted below:				
Legal Name of Additional Joint Inventor, if any:				
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Wilhelm	WEIT	ZENBERGER		
Signature: Wilhelm Mutulinger	Date; 18.06.	15		
Wilnessed by:				
Name: EHILIA HOWLAND				
Signature of wilness: Cardes U	J Date: 16.6	. 15		

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.66.

PATENT REEL: 035904 FRAME: 0750

Doc code: Oath Document Description: Oath or declaration filed					
	Attorney Docket Number	RWF-265-357			
	First Named Inventor	BUCHAUER, Ralf			
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) Declaration Submitted With Initial Filing OR					
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	16(f)) required)				
TUNABLE HIGH FREQUENCY FILTER					
(Title of the Invention)	ייינע איז איז איז אין איז				
As a below named inventor, I hereby declare that:					
This declaration is directed to: ☐ the attached application, or ⊠ United States Application Number 14/438,725 filed April 27, 2015, or ☐ PCT International application number filed on.					
The above-identified application was made or authorized to be made by me.					
I believe I am the original inventor or an original joint inventor of a claimed inver	ntion in the application.				
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.					
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.					
WHEREAS, KATHREIN-WERKE KG (hereinafter ASSIGNEE), a corporation of the Country of Germany, having an office and place of business at Anton-Kathrein-Str. 1-3, Rosenheim, Germany, 83004, is desirous of acquiring an interest therein;					
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;					
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;					
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and					
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.					
AGREED and executed as noted below:					
Legal Name of Additional Joint Inventor, if any:					
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Armin	110				
Inventor's	HO Dale:	LZBAUER			
Signature: Wonkage-	18.	6.15			
Witnessed by:					
Name: Kastner					
Signature of witness: Marta	Date: 78, (6. 15			

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT REEL: 035904 FRAME: 0751

RECORDED: 06/25/2015