504843724 03/29/2018

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT4890461

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN GEPHART	12/01/2015
ANTONY RAPPETTE	11/12/2015
PETER RICHMOND	12/03/2015
STEVEN VORNSAND	11/13/2015
RODNEY WELCH	12/11/2015

RECEIVING PARTY DATA

Name:	WHIRLPOOL CORPORATION
Street Address:	2000 NORTH M-63
City:	BENTON HARBOR
State/Country:	MICHIGAN
Postal Code:	49022

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15939872

CORRESPONDENCE DATA

Fax Number: (616)742-1010

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: 616-742-3500

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Correspondent Name: MCGARRY BAIR PC

Address Line 1:45 OTTAWA AVE SW, SUITE 700Address Line 4:GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER: SUB-07810-US-DIV

NAME OF SUBMITTER: HAILEY I. JAHN

SIGNATURE: /Hailey I Jahn/

DATE SIGNED: 03/29/2018

Total Attachments: 5 source=G1206432#page1.tif

PATENT 504843724 REEL: 045386 FRAME: 0583



Atty Docket: SUB-07810-US-NP

COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	DISH TREATING APPLIANCE WITH DIVERTER VALVE POSITION SENSING
Invention	
As the below name. This declaration is directed to:	d inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
	reviewed and understand the contents of the above-identified specification, including the claims. 1 aty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
	ge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or it more than five (5) years, or both.
M-63, Benton Harb	LPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North or, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention and throughout the world;
receipt and sufficient unto said ASSIGNE including any and a and reissue of said including the right accorded ASSIGNC treaties; and the ent	E, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the accy of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer E, the entire right, title and interest in and to said invention and application throughout the United States, all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination application; and the entire right, title and interest in and to the said invention throughout the world, to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights and under terms of the Paris International Convention and all other available international conventions and ire right, title and interest in and to any and all patents, patents of addition, utility models, patents of lation patents and inventor certificates which may be granted throughout the world in respect of said
prosecution and ma and in foreign coun ASSIGNEE in and to but at no expense to information concern testimony on behalf defense of any pater	thereby agrees to execute any documents that legally may be required in connection with the filing, intenance of said application or any other patent application(s) or inventor certificate(s) in the United States tries for said invention, including additional documents that may be required to affirm the rights of o said invention, all without further consideration. ASSIGNOR also agrees, without further consideration assignments and assignment of ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and intended in the invention that are within ASSIGNOR'S possession or control and to provide further assurances and of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and intended application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under I extend to ASSIGNOR'S beirs, executors, administrators and other legal representatives.
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this agreement and sale not been made.	
	izes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information eded to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF	
Inventor: Janathan G	ephart Signature: jonathan Lephant
Date: 12/1/2	015

Atty Docket: SU8-07810-US-NP

COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

	☐ THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	DISH TREATING APPLIANCE WITH DIVERTER VALVE POSITION SENSING
Invention	
	d inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identifie	d application was made or authorized to be made by me.
I believe that I am i	he original inventor or an original joint inventor of a claimed invention in the application.
I hereby state that I acknowledge the di	reviewed and understand the contents of the above-identified specification, including the claims. I uty to disclose information material to patentability of this application in accordance with 37 C.F.R. §1.56.
	lge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of more than five (5) years, or both.
M-63, Benton Harb	LPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North our, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention and throughout the world;
receipt and sufficien unto said ASSIGNE including any and a and reissue of said including the right accorded ASSIGNO treaties; and the ent	IE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the ney of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer EE, the entire right, title and interest in and to said invention and application throughout the United States, all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination application; and the entire right, title and interest in and to the said invention throughout the world, to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights DR under terms of the Paris International Convention and all other available international conventions and tire right, title and interest in and to any and all patents, patents of addition, utility models, patents of dation patents and inventor certificates which may be granted throughout the world in respect of said
prosecution and ma and in foreign coun ASSIGNEE in and t but at no expense to information concer- testimony on behal defense of any pate	Rhereby agrees to execute any documents that legally may be required in connection with the filing, aintenance of said application or any other patent application(s) or inventor certificate(s) in the United States at tries for said invention, including additional documents that may be required to affirm the rights of to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration of ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and ming the invention that are within ASSIGNOR'S possession or control and to provide further assurances and if of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and ent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under the extend to ASSIGNOR'S beirs, executors, administrators and other legal representatives.
Letters Patent refer ASSIGNEE'S sole u end of the term for	y authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States red to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for se and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full which such Letters Patent may be granted, as fully and entirely as the same would have been held by a sqreement and sale not been made.
	rizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information seeded to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF	INVENTOR opette Signature: Aston Papple
Date: 1//2/	135

Atty Docket: SUB-07810-US-NP

COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

APPLICATION USING AN APPLICATION DATA SHEET	
Title of	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES DISH TREATING APPLIANCE WITH DIVERTER VALVE POSITION SENSING
Invention	
As the below name This declaration [is directed to:	ed inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identifi	ed 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.
Table 1	I reviewed and understand the contents of the above-identified specification, including the claims. I luty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ot more than five (5) years, or both.
M-63, Benton Har	RLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North bor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention s and throughout the world;
receipt and sufficie unto said ASSIGN including any and and reissue of said including the right accorded ASSIGN treaties; and the er	RE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the ency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer EE, the entire right, title and interest in and to said invention and application throughout the United States, all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination application; and the entire right, title and interest in and to the said invention throughout the world, to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights OR under terms of the Paris International Convention and all other available international conventions and attire right, title and interest in and to any and all patents, patents of addition, utility models, patents of idation patents and inventor certificates which may be granted throughout the world in respect of said
prosecution and m and in foreign cou ASSIGNEE in and but at no expense t information concer testimony on beha defense of any pat	R hereby agrees to execute any documents that legally may be required in connection with the filing, taintenance of said application or any other patent application(s) or inventor certificate(s) in the United States intries for said invention, including additional documents that may be required to affirm the rights of to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and ming the invention that are within ASSIGNOR'S possession or control and to provide further assurances and lf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and ent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under all extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent refer ASSIGNEE'S sole i end of the term for	by authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States tred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full which such Letters Patent may be granted, as fully and entirely as the same would have been held by his agreement and sale not been made.
	orizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information seeded to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF Inventor: Peter Rich	mond Signature: Peter Ruhmon

Atty Docket: SUB-07810-US-NP

COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	DISH TREATING APPLIANCE WITH DIVERTER VALVE POSITION SENSING
Invention	
This declaration \(\subseteq \) is directed to:	nventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identified a	pplication 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.
	viewed and understand the contents of the above-identified specification, including the claims. I to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or more than five (5) years, or both.
M-63, Benton Harbor,	OOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention d throughout the world;
receipt and sufficiency unto said ASSIGNEE, including any and all and reissue of said app including the right to accorded ASSIGNOR treaties; and the entire	in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer the entire right, title and interest in and to said invention and application throughout the United States, United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination oblication; and the entire right, title and interest in and to the said invention throughout the world, apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights under terms of the Paris International Convention and all other available international conventions and right, title and interest in and to any and all patents, patents of addition, utility models, patents of ion patents and inventor certificates which may be granted throughout the world in respect of said
prosecution and main and in foreign countri ASSIGNEE in and to s but at no expense to A information concernin testimony on behalf of defense of any patent	ereby agrees to execute any documents that legally may be required in connection with the filing, tenance of said application or any other patent application(s) or inventor certificate(s) in the United States are for said invention, including additional documents that may be required to affirm the rights of aid invention, all without further consideration. ASSIGNOR also agrees, without further consideration SSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and gethe invention that are within ASSIGNOR'S possession or control and to provide further assurances and ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under stend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.
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ASSIGNOR authorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.	
LEGAL NAME OF IN	VENTOR A S
Inventor: Steven Vornsa	Lie 1/
Date: <u> 3 Nor 15</u>	

Title of Invention	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSE DISH TREATING APPLIANCE WITH DIVERTER VALVE POSITION SENSING
	ed inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identif	ied application was made or authorized to be made by me.
	the original inventor or an original joint inventor of a claimed invention in the application.
I hereby state that	I reviewed and understand the contents of the above-identified specification, including the claims. I duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
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prosecution and mand in foreign count of the following the	OR hereby agrees to execute any documents that legally may be required in connection with the filing, naintenance of said application or any other patent application(s) or inventor certificate(s) in the United States intries for said invention, including additional documents that may be required to affirm the rights of to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and ming the invention that are within ASSIGNOR'S possession or control and to provide further assurances and lf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and ent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under all extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.
ASSIGNOR herel Letters Patent refe ASSIGNEE'S sole i and of the term for	by authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States rred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full which such Letters Patent may be granted, as fully and entirely as the same would have been held by his agreement and sale not been made.
ASSIGNOR author	orizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information needed to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF nventor: Rodney W	relch Signature:

RECORDED: 03/29/2018