504172069 01/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4218747

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MELISSA M. BIPPUS	12/04/2016
ANDREW M. DREES	12/01/2016
WYNDHAM F. GARY JR.	11/18/2016
STEVEN J. KUEHL	12/02/2016
BRENT A. ROWLAND	11/21/2016

RECEIVING PARTY DATA

Name:	WHIRLPOOL CORPORATION
Street Address:	2000 NORTH M-63
Internal Address:	MD 3601
City:	BENTON HARBOR
State/Country:	MICHIGAN
Postal Code:	49022

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15237351

CORRESPONDENCE DATA

Fax Number:

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: 319-286-7000

Email: ptowhirlpool@nyemaster.com

Correspondent Name: WHIRLPOOL CORPORATION/NYEMASTER NYEMASTE

Address Line 1: 2000 NORTH M63

Address Line 2: MD 3601

Address Line 4: BENTON HARBOR, MICHIGAN 49022

ATTORNEY DOCKET NUMBER:	SUB-07652-US-NP
NAME OF SUBMITTER:	TODD A. VAN THOMME
SIGNATURE:	/Todd A. Van Thomme/
DATE SIGNED:	01/10/2017

PATENT 504172069 REEL: 040937 FRAME: 0622

Total Attachments: 5 source=15237351_Declarations#page1.tif source=15237351_Declarations#page2.tif source=15237351_Declarations#page3.tif

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	APPLIANCE WATER FILTER SYSTEM HAVING MEMORY AND AUTHENTICATION FUNCTIONALITY
Invention	
This declaration	ed inventor, I hereby declare that: The attached application, or United States application or PCT international application number
The above-identifie	ed application was made or authorized to be made by me.
I believe that I am t	the 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. I uty 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 or or more than five (5) years, or both.
M-63, Benton Harl	LPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North poor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention is and throughout the world;
receipt and sufficie unto said ASSIGNI including any and and reissue of said including the right accorded ASSIGNO treaties; and the en	RE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the ncy of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer BE, 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
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but at no expense to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, 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.	
	rizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information eeded to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF Inventor: MELISSA M Date: $\frac{\sqrt{2}}{4}$	BIPPUS Signature: Wolson M Bippu

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES	
Title of Invention	APPLIANCE WATER FILTER SYSTEM HAVING MEMORY AND AUTHENTICATION FUNCTIONALITY	
As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number		
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. I uty to disclose information material to patentability of this application in accordance with 37 C.F.R §1,56.	
	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.	
M-63, Benton Harb	LPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North for, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention and throughout the world;	
NOW, THEREFORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the receipt and sufficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and reissue of said application; and the entire right, title and interest in and to the said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.		
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but at no expense to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, 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.		
	rizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information reded to effect its recordal in the U.S. Patent and Trademark Office.	
LEGAL NAME OF	INVENTOR (1 / 1/29)	
Inventor: ANDREW M. DREES Signature: Wohew M Drees		
Date: 12/1/	2016	

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	APPLIANCE WATER FILTER SYSTEM HAVING MEMORY AND AUTHENTICATION FUNCTIONALITY
Invention	
This declaration	d inventor, I hereby declare that: The attached application, or United States application or PCT international application number15/237,351 filed onAugust 15, 2016
The above-identifie	ed application was made or authorized to be made by me.
I believe that I am t	the 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. I uty 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 Harl	LPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North por, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention as and throughout the world;
NOW, THEREFORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the receipt and sufficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and reissue of said application; and the entire right, title and interest in and to the said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.	
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but at no expense to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.	
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	rizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information eeded to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF	INVENTOR A
Inventor: WYNDHAM F. GARY, JR. Signature: Myrither In Stray	
Date: _///8//6	

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

THIS DOCUMENT IS BEING SUBMITI	ED FOR DUAL PURPOSES
Title of APPLIANCE WATER FILTER SYSTEM HAVING MEMORY AND AUTHENTICATION	N FUNCTIONALITY
Invention	·
As the below named inventor, I hereby declare that:	
This declaration The attached application, or	
is directed to: United States application or PCT international application number15/237,35	1
filed on <u>August 15, 2016</u> .	
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 applica-	· ·
I hereby state that I reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.	
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, WHIRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of M-63, Benton Harbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in the United States and throughout the world;	business at 2000 North in and to said invention
NOW, THEREFORE, in accord with my obligations by law and/or agreement, and/or for good and vareceipt and sufficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sunto said ASSIGNEE, the entire right, title and interest in and to said invention and application through including any and all United States Letters Patent granted on any division, continuation, continuation-in and reissue of said application; and the entire right, title and interest in and to the said invention through including the right to apply for patents and inventor certificates in respect thereof and to claim priority accorded ASSIGNOR under terms of the Paris International Convention and all other available international treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility m importation, revalidation patents and inventor certificates which may be granted throughout the world invention.	sell, assign and transfer tout the United States, n-part, reexamination chout the world, pursuant to rights ional conventions and nodels, patents of
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ASSIGNOR authorizes any member or representative of WHIRLPOOL CORPORATION to insert or c in this document needed to effect its recordal in the U.S. Patent and Trademark Office.	omplete any information
LEGAL NAME OF INVENTOR	
Inventor: STEVEN J. KUEHL Signature: Seven August	
10/11/11	
Date: 12/2/2010	

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

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Title of	APPLIANCE WATER FILTER SYSTEM HAVING MEMORY AND AUTHENTICATION FUNCTIONALITY
Invention	
As the below named inventor, I hereby declare that: This declaration	
The above-identific	ed 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 acknowledge the d	I 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.
I hereby acknowled imprisonment of n	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.
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receipt and sufficie unto said ASSIGNI including any and and reissue of said including the right accorded ASSIGNO treaties; and the en	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 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 m and in foreign cour ASSIGNEE in and but at no expense t information concer testimony on behal defense of any pate	R hereby 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 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 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 for assignment 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.
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ASSIGNOR author in this document n	rizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information eeded to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF	INVENTOR
Inventor: BRENT A. R	$1 \leq 1 \leq 1 \leq 0$
Date: 11/21/20	

PATENT REEL: 040937 FRAME: 0628

RECORDED: 01/10/2017