504002048 09/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4048704

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARCUS R. FISCHER	11/15/2012
BRYAN M. TOPP	11/13/2012
JUSTIN D. MCIVER	11/14/2012
DEMETRIUS J. SCHAAF	11/13/2012

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:	15263450

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

Email: patents@mcgarrybair.com
Correspondent Name: MCGARRY BAIR PC
Address Line 1: 32 MARKET AVENUE

Address Line 2: SUITE 500

Address Line 4: GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER:	SUB-01667A-US-NP
NAME OF SUBMITTER:	PATRICK J. BURNS
SIGNATURE:	/Patrick J. Burns/
DATE SIGNED:	09/13/2016

Total Attachments: 4

source=G1041793#page1.tif source=G1041793#page2.tif

PATENT 504002048 REEL: 039711 FRAME: 0921

source=G1041793#page3.tif source=G1041793#page4.tif

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	SYSTEM FOR ESTABLISHING COMMUNICATION BETWEEN A USER INTERFACE AND A
Invention	CONTROLLER OF A DISHWASHER
As the below na This declaration is directed to:	umed inventor, I hereby declare that:
The above-iden	tified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
I hereby state the acknowledge the	at I reviewed and understand the contents of the above-identified specification, including the claims. I e duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56
I hereby acknow imprisonment o	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or If not more than five (5) years, or both.
63, Benton Harl	HRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North Motor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in s and throughout the world.
receipt and suffit unto said ASSIC including any as reissue of said a right to apply fo under terms of t right, title and is	ORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the iciency of are hereby acknowledged. I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer SNEE, the entire right, title and interest in and to said invention and application throughout the United States, and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and pplication; and the entire right, title and interest in and to the said invention throughout the world, including the properties and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR the Paris International Convention and all other available international conventions and treaties; and the entire interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation entor certificates which may be granted throughout the world in respect of said invention.
prosecution and and in foreign of ASSIGNEE in ar at no expense to concerning the i- behalf of ASSIG- patent application	IOR hereby agrees to execute any documents that legally may be required in connection with the filing, imaintenance of said application or any other patent application(s) or inventor certificate(s) in the United States ountries for said invention, including additional documents that may be required to affirm the rights of aid to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on NEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any on or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent re ASSIGNEE'S sol of the term for w	reby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States ferred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for e use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR ent and sale not been made.
ASSIGNOR aut in this documen	horizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information t needed to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME	OF INVENTOR
Inventor: <u>MARC</u>	
Signature: 🟒	
Date:	<u> </u>

Atty Docket: SUB-01667A-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	SYSTEM FOR ESTABLISHING COMMUNICATION BETWEEN A USER INTERFACE AND A
Invention	CONTROLLER OF A DISHWASHER
	named inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-ide	ntified 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.
	that I reviewed and understand the contents of the above-identified specification, including the claims. I he duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.
63, Benton Ha	WHIRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North M-rbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in tes and throughout the world;
receipt and suf unto said ASSI including any reissue of said right to apply under terms of right, title and	FORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the fficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer IGNEE, the entire right, title and interest in and to said invention and application throughout the United States, and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and application; and the entire right, title and interest in and to the said invention throughout the world, including the for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR the Paris International Convention and all other available international conventions and treaties; and the entire interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation ventor certificates which may be granted throughout the world in respect of said invention.
prosecution an and in foreign ASSIGNEE in at no expense to concerning the behalf of ASSIG patent application	NOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States countries for said invention, including additional documents that may be required to affirm the rights of and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on GNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any tion or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent : ASSIGNEE'S so of the term for	ereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR ment and sale not been made.
ASSIGNOR at in this docume	uthorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information ent needed to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAM	ME OF INVENTOR
Inventor: BRYA	
Signature:	Bujen Topp 13/12
Date: _///	13/12

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

***************************************	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	SYSTEM FOR ESTABLISHING COMMUNICATION BETWEEN A USER INTERFACE AND A
Invention	CONTROLLER OF A DISHWASHER
As the below nat This declaration is directed to:	med inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identi	ified application was made or authorized to be made by me.
I believe that I ar	n the original inventor or an original joint inventor of a claimed invention in the application.
I hereby state the acknowledge the	if 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.
I bereby acknow imprisonment of	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or not more than five (5) years, or both.
vo, penun nam	IRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North Moor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in and throughout the world;
receipt and suffic- unto said ASSIG? including any an- reissue of said ap- right to apply for under terms of th- right, title and int	ORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the iency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer VEE, the entire right, title and interest in and to said invention and application throughout the United States, dall United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and plication; and the entire right, title and interest in and to the said invention throughout the world, including the patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR e Paris International Convention and all other available international conventions and treaties; and the entire terest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation into certificates which may be granted throughout the world in respect of said invention.
prosecution and reand in foreign countries on and an assignment in and at no expense to a concerning the imbehalf of ASSIGN patent application	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 I to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information vention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on EE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any or or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument SIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent rete ASSIGNEE'S sole of the term for wh	by authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States erred 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 end eich such Leiters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR and sale not been made.
ASSIGNOR auth- in this document t	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 INVENTOR
inventor: <u>IUSTIN I</u>	2 MCIVER
Signature:	
Date:	

Atty Docket: SUB-01667A-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	SYSTEM FOR ESTABLISHING COMMUNICATION BETWEEN A USER INTERFACE AND A
Invention	CONTROLLER OF A DISHWASHER
	amed inventor, I hereby declare that: Mathematical Experiments Mathema
The above-iden	ntified application was made or authorized to be made by me.
I believe that I a	am the original inventor or an original joint inventor of a claimed invention in the application.
	hat I reviewed and understand the contents of the above-identified specification, including the claims. I ne duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.
63, Benton Har	HIRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North M-bor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in es and throughout the world;
receipt and suff unto said ASSIG including any a reissue of said a right to apply f under terms of right, title and	FORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the ficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer GNEE, the entire right, title and interest in and to said invention and application throughout the United States, and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and application; and the entire right, title and interest in and to the said invention throughout the world, including the or patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR the Paris International Convention and all other available international conventions and treaties; and the entire interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation ventor certificates which may be granted throughout the world in respect of said invention.
prosecution and and in foreign of ASSIGNEE in a at no expense to concerning the behalf of ASSIC patent application	NOR hereby agrees to execute any documents that legally may be required in connection with the filing, d maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States countries for said invention, including additional documents that may be required to affirm the rights of and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on GNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any ion or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent r ASSIGNEE'S so of the term for	ereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR ment and sale not been made.
	athorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information int needed to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAM	IE OF INVENTOR
1	ETRIUS J. SCHAAF
Signature:	13, 2010
Date: Mov	13,2010

RECORDED: 09/13/2016