PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4261479

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN W. MCCONNELL	02/06/2017
BRANDON T. MOCK	02/03/2017
BEN C. SHAO	02/06/2017
ZHAOYI YIN	02/06/2017

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:	29593102

CORRESPONDENCE DATA

Fax Number: (269)923-5778

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: 269.923.7441

Email: mike_lafrenz@whirlpool.com, ptomail@priceheneveld.com

Correspondent Name: WHIRLPOOL CORPORATION - MD 3601 / PRICE

Address Line 1: 2000 NORTH M63

Address Line 4: BENTON HARBOR, MICHIGAN 49022

ATTORNEY DOCKET NUMBER:	SUB-10030-US-DP
NAME OF SUBMITTER:	BRIAN R. CHESLEK
SIGNATURE:	/brianrcheslek/
DATE SIGNED:	02/06/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 041184 FRAME: 0335

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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 KETTLE
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 number filed on
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 application.
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 business at 2000 North M-63, Benton Harbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in the United States 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.
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 INVENTOR
Inventor: John W. McConnell Signature:
Date:

REEL: 041184 FRAME: 0338

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	KETTLE
is directed to:	nventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
	application was made or authorized to be made by me.
	original inventor or an original joint inventor of a claimed invention in the application.
I hereby state that I re	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.
I hereby acknowledge imprisonment of not r	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or nore 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 at throughout the world;
unto said ASSIGNEE, including any and all and reissue of said ap- 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 countrie ASSIGNEE in and to s but at no expense to A information concernin testimony on behalf of defense of any patent at this instrument shall e	ereby agrees to execute any documents that legally may be required in connection with the filing, renance 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 good the 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.
ASSIGNEE'S sole use a end of the term for wh ASSIGNOR had this ap	thorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full ich such Letters Patent may be granted, as fully and entirely as the same would have been held by preement and sale not been made.
ASSIGNOR authorize in this document needs	s any member or representative of WHIRLPOOL CORPORATION to insert or complete any information ed to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF INV Inventor: Brandon T. N Date: ロンノのろ	

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	KETTLE
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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.
	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 lot more than five (5) years, or both.
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receipt and sufficie unto said ASSIGN including any and and reissue of said including the right accorded ASSIGNe 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 after 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
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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	INVENTOR
Inventor: <u>Ben C. S</u>	hao Signature:
Date: 2-6-2	017

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	KETTLE
As the below nam 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.
I hereby state that acknowledge the c	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.
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receipt and sufficie unto said ASSIGN including any and and reissue of said including the right accorded ASSIGNO 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 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 mand in foreign cour ASSIGNEE in and but at no expense t information concer testimony on beha- 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 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 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 all extend 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	INVENTOR
Inventor: ZhaoYi Y	in Signature:
Date:/ (26/2011 - O

RECORDED: 02/06/2017