### 505799626 12/03/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5846455

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
ZHAOYI YIN	11/26/2019
JOHN W. MCCONNELL	11/26/2019
BEN C. SHAO	11/27/2019
DANIEL F. GALEA	11/26/2019
DEAN A. PEPPEL	11/26/2019

#### RECEIVING PARTY DATA

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

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29715526

### **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:** 616-949-9610

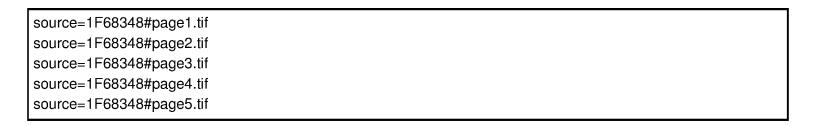
**Email:** ptomail@priceheneveld.com, mike\_lafrenz@whirlpool.com **Correspondent Name:** PRICE HENEVELD LLP WHIRLPOOL CORPORATION

Address Line 1: 2000 NORTH M63

Address Line 4: BENTON HARBOR, MICHIGAN 49022

	T
ATTORNEY DOCKET NUMBER: SUB-13120-US-DPC	
NAME OF SUBMITTER:	MICHAEL T. HAGES
SIGNATURE: /Michael T. Hages/	
DATE SIGNED:	12/03/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5



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

☐ THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSI	ES
itle of COFFEE MAKER	
nvention	
s the below named inventor, I hereby declare that: his declaration	
ne above-identified application was made or authorized to be made by me.	
pelieve that I am the original inventor or an original joint inventor of a claimed invention in the application.	
nereby state that I reviewed and understand the contents of the above-identified specification, including the claims. I knowledge the duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.	
nereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or apprisonment of not more than five (5) years, or both.	
HEREAS, WHIRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North 1-63, Benton Harbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention the United States and throughout the world;	
OW, THEREFORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the ceipt and sufficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer not said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States, cluding 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, cluding 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 eaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of apportation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said vention.	e
LSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, rosecution 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 SSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration at an expense to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and formation concerning the invention that are within ASSIGNOR'S possession or control and to provide further assurances and stimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and efense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under is instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.  SSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States effects Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for SSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full	Į,
of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by SSIGNOR had this agreement and sale not been made.	
SSIGNOR authorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any informatio this document needed to effect its recordal in the U.S. Patent and Trademark Office.	m
EGAL NAME OF INVENTOR	
ventor: ZhaoYi Yin Signature:	
ate: 11/26/19	
DATENT DATENT	

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

	ATTECATION COING AN ATTECATION DATA SHEET
Peniku Si Ji	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of Invention	COFFEE MAKER
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-identific	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 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 acknowle 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.
M-63, Benton Harl	RLPOOL 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 s and throughout the world;
receipt and sufficie unto said ASSIGN 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 at the 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 for a for a formula formula for a formula
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 isse 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 is 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 JAHARA
Inventor: John W. N	fcConnell Signature:
Date: 11-71	·-19

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

	☐ THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	COFFEE MAKER
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.
	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 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 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
prosecution and mand in foreign cou ASSIGNEE in and but at no expense information concertestimony on behadefense 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 left 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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	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: Ben C. Sh	LATE TO THE RESERVE TO THE PARTY OF THE PART
Date: 11-2	-19
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# COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

			THIS POOT MENT IS BEING CUIN CONTROL
Title of Invention	COFFEE MAKER		THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSE
As the below na This declaration is directed to:	med inventor, I hereby declare that  The attached application, or  United States application or F filed on		nal application number
The above-identi	ified application was made or autho	orized to be ma	ade by me.
			or of a claimed invention in the application.
I hereby state that	it I reviewed and understand the co	intents of the a	bove-identified specification, including the claims. I bility of this application in accordance with 37 C.F.R §1.56.
I hereby acknow	ledge that any willful false stateme not more than five (5) years, or bot	nt made in this	s declaration is punishable under 18 U.S.C. 1001 by fine or
	IRLPOOL CORPORATION (here, trbor, Michigan 49022, U.S.A. is de tes and throughout the world;	inafter referred sirous of acqui	it to as "ASSIGNEE") having places of business at 2000 North iring the entire right, title and interest in and to said invention
unto said ASSIGI including any and reissue of sai including the rigl accorded ASSIGN treaties; and the e	NEE, the entire right, title and intend all United States Letters Patent grd application; and the entire right, at to apply for patents and inventor UOR under terms of the Paris Interrentire right, title and interest in and	est in and to sa anted on any c title and intere certificates in actional Conve	r agreement, and/or for good and valuable consideration, the referred to as "ASSIGNOR") hereby sell, assign and transfer aid invention and application throughout the United States, division, continuation, continuation-in-part, reexamination at in and to the said invention throughout the world, respect thereof and to claim priority pursuant to rights nation and all other available international conventions and patents, patents of addition, utility models, patents of addition, utility models, patents of any be granted throughout the world in respect of said
and in foreign cou ASSIGNEE in and out at no expense information conce estimony on beha defense of any par this instrument sh	untries for said invention, including I to said invention, all without furth to ASSIGNOR, to identify and comming the invention that are within alf of ASSIGNEE that lawfully may tent application or patent encompariall extend to ASSIGNOR'S heirs, examined.	iny other pater additional do her consideration municate to A ASSIGNOR'S be required of seed within the secutors, admining the secutors, admining the control of the control of t	egally may be required in connection with the filing, at application(s) or inventor certificate(s) in the United States cuments that may be required to affirm the rights of on. ASSIGNOR also agrees, without further consideration assigned at ASSIGNEE'S request documents and possession or control and to provide further assurances and ASSIGNOR in respect of the prosecution, maintenance and terms of this instrument. ASSIGNOR'S obligations under nistrators and other legal representatives.
ASSIGNEE'S sole and of the term fo	use and behoof; and for the use and	ASSIGNEE or I behoof of AS granted, as fu	Patents and Trademarks to issue any and all United States the entire right, title and interest in and to the same, for SIGNEE'S legal representatives and successors, to the full lly and entirely as the same would have been held by
ASSIGNOR author		e of WHIRI P	OOL CORPORATION to insert or complete any information Trademark Office.
EGAL NAME O			*
ventor: Daniel F.	Galea Signature:	<u>miJ 6</u>	<u> </u>
ate: 11-26			

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ASSIGNOR authorin this document n	orizes 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: Dean A. P	$\mathcal{L}_{\mathcal{L}}$
Date:	<u> </u>

**RECORDED: 12/03/2019**