10/04/2019 505707853

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5754663

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AJAY SATISH SINGHAL	09/17/2019
MARK S. FEDDEMA	09/16/2019
SANKET G. PAWASKAR	09/17/2019
SUZANNE M. BERBERET	09/16/2019
JERRY M. VISIN	09/11/2019
HRUSHIKESH C. PRABHU	09/23/2019

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:	29708250

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: 6167423500

Email: patents@mcgarrybair.com

MCGARRY BAIR PC **Correspondent Name:**

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

ATTORNEY DOCKET NUMBER:	SUB-12500-US-DP
NAME OF SUBMITTER:	MARK A. DAVIS
SIGNATURE:	/Mark A. Davis/
DATE SIGNED:	10/04/2019

Total Attachments: 6

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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	SPRAYER ASSEMBLY
This declaration	ed inventor, I hereby declare that: The attached application, or United States application or PCT international application number
The above-identifi	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.
	Treviewed 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.
	edge 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.
M-63, Benton Ha	RLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North rbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention es and throughout the world;
receipt and suffici unto said ASSIGN including any and and reissue of said including the right accorded ASSIGN treaties, and the e	PRE, 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 IEE, the entire right, fitle and interest in and to said invention and application throughout the United States. It all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination of application; and the entire right, title and interest in and to the said invention throughout the world, at to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights IOR under terms of the Paris International Convention and all other available international conventions and interest in and to any and all patents, patents of addition, utility models, patents of lidation 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.	
	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: Ajay Sati	sh Singhal Signature:
Date: 917	2019.

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

by fine or imprisonment of not more than five (5) years, or both.

SPRAYER ASSEMBLY

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

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: Mark S. Feddema Signature:

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

THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES	
Title of SPRAYER ASSEMBLY	
Invention	
As the below named inventor, I hereby declare that: This declaration \(\sum \) The attached application, or is directed to: \(\sum \) United States application or PCT international application number	
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.	
Thereby 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.	
Thereby 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") baving 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, THERFFORE, 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.	
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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: Sanket G. Pawaskar Signature: Sax Cox & 188	
Date: 09 / 17 20 19	

REEL: 050626 FRAME: 0352

P 1/1

Atty Docket: SUB-12500-US-DP

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

Title of	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES SPRAYER ASSEMBLY
Invention	STRAICK ASSEMBLI
	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.
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 duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
	edge 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.
M-63, Benton Haz	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 as and throughout the world;
receipt and suffici- unto said ASSIGN including any and and reissue of said including the righ accorded ASSIGN 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 IEE, 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 I 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 native 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 n and in foreign cou ASSIGNEE in and but at no expense information conce testimony on beha defense of any pat	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 left of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and tent 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 refe ASSIGNEE'S sole end of the term for	by authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States are do 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 needed to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF INVENTOR	
Inventor: Suzanne M. Berberet Signature:	
Date: 9 16	2019

REEL: 050626 FRAME: 0353

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES	
Title of	SPRAYER ASSEMBLY	
Invention		
	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.	
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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 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	
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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: Jerry M. V	Signature: Signature:	
Date: 9-11-	2019	

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	SPRAYER ASSEMBLY
Invention	
As the below named inventor This declaration \(\sum \) The at is directed to: \(\sum \) United (filed (or, I hereby declare that: tached application, or d States application or PCT international application number on
The above-identified application	ation was made or authorized to be made by me.
I believe that I am the origin	al inventor or an original joint inventor of a claimed invention in the application.
I hereby state that I reviewe acknowledge the duty to dis	d and understand the contents of the above-identified specification, including the claims. I sclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
I hereby acknowledge that a imprisonment of not more t	my willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or han five (5) years, or both.
WHEREAS, WHIRLPOOL M-63, Benton Harbor, Mich in the United States and thro	CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North sigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention oughout the world;
receipt and sufficiency of an unto said ASSIGNEE, the er including any and all United and reissue of said applicati- including the right to apply accorded ASSIGNOR under treaties; and the entire right,	ord with my obligations by law and/or agreement, and/or for good and valuable consideration, the enterpy acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer after right, title and interest in and to said invention and application throughout the United States, I States Letters Patent granted on any division, continuation, continuation-in-part, reexamination on; and the entire right, title and interest in and to the said invention throughout the world, for patents and inventor certificates in respect thereof and to claim priority pursuant to rights terms of the Paris International Convention and all other available international conventions and title and interest in and to any and all patents, patents of addition, utility models, patents of tents and inventor certificates which may be granted throughout the world in respect of said
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LEGAL NAME OF INVENT	A. C.
Inventor: <u>Hrushikesh C. Prabh</u>	
Date: 23/09/2019	

RECORDED: 10/04/2019