PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN E. ALEXANDER	09/30/2016
JOEL M. SELLS	11/28/2016
ERIC J. SCHUH	10/10/2016

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:	18121234

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.

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Address Line 2: SUITE 700

Address Line 4: GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER:	SUB-09219-US-CNT[4]
NAME OF SUBMITTER:	MASON F. STARTZ
SIGNATURE:	/Mason F. Startz/
DATE SIGNED:	03/14/2023

Total Attachments: 3

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Atty Docket: SUB-09219-US-NP

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSE
Title of Invention	RETROFITTABLE BULK DISPENSING SYSTEM FOR HOUSEHOLD APPLIANCES
	ed inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identifi	led 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 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 Hai	RLPOOL 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 inventiones 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 e	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, I all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination if application; and the entire right, title and interest in and to the said invention throughout the world, it 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
prosecution and r and in foreign con ASSIGNEE in and but at no expense information conce testimony on beh- defense of any pa	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 to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and eming the invention that are within ASSIGNOR'S possession or control and to provide further assurances and alf 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 hall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent refe ASSIGNEE'S sole end of the term fo	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 or 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.
	norizes 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 Conventor: Benjam	in E. Alexander Signature: Lenjanin E. alyander

Atty Docket: SUB-09219-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 Invention	RETROFITTABLE BULK DISPENSING SYSTEM FOR HOUSEHOLD APPLIANCES
	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 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 Har	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 e	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 ntire 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 r and in foreign cou ASSIGNEE in and but at no expense information conce testimony on beha defense of any pa	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 entries for said invention, including additional documents that may be required to affirm the rights of it 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 eming the invention that are within ASSIGNOR'S possession or control and to provide further assurances and alf 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 tall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent refe ASSIGNEE'S sole end of the term fo	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 or which such Letters Patent may be granted, as fully and entirely as the same would have been held by 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 Conventor: Joel M. Date: 1179	

Atty Docket: SUB-09219-US-NP

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

Title of RETROFITTABLE BULK DISPENSING SYSTEM FOR HOUSEHOLD APPLIANCES
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 bereby 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 authorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any informatio in this document needed to effect its recordal in the U.S. Patent and Trademark Office.
LEGAL NAME OF INVENTOR
Inventor: Eric J. Schuh Signature: Eve All
Date: 10/10/16

RECORDED: 03/14/2023