### 505868658 01/16/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5915486

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ARUNKUMAR HARIKRISHNASAMY	01/03/2020
LYNNE F. HUNTER	01/03/2020
ABHAY NAIK	01/08/2020
SANKET VIVEK PHALAK	01/06/2020
AARON MICHAEL STEWART	01/03/2020

#### **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:	16744872

### **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

Correspondent Name: PRICE HENEVELD LLP / ALANNAH R. WITHAM

Address Line 1: 695 KENMOOR PO BOX 2567

Address Line 4: GRAND RAPIDS, MICHIGAN 49501

ATTORNEY DOCKET NUMBER:	SUB-12998-US-NP
NAME OF SUBMITTER:	ALANNAH R. WITHAM
SIGNATURE:	/Alannah R. Witham/
DATE SIGNED:	01/16/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 051538 FRAME: 0664

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# Total Attachments: 5 source=WHI029\_P408\_Decalrations#page1.tif source=WHI029\_P408\_Decalrations#page2.tif source=WHI029\_P408\_Decalrations#page3.tif source=WHI029\_P408\_Decalrations#page4.tif source=WHI029\_P408\_Decalrations#page5.tif

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
	ABINET REINFORCING ASSEMBLY
Invention	
This declaration \( \subseteq \) is directed to:	nventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-identified a	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.
	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.
	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 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 IN	N A -
Inventor: <u>Arunkumar I</u>	farikrishnasamy Signature:
Date: <u>01/03/20-2</u>	

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

	T	HIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	CABINET REINFORCING ASSEMBLY	
Invention		
	ned inventor, I hereby declare that:  The attached application, or  United States application or PCT international filed on	application number
The above-identifi	ied application was made or authorized to be made	by me.
I believe that I am	n the original inventor or an original joint inventor o	of a claimed invention in the application.
	t I reviewed and understand the contents of the abo duty to disclose information material to patentabili	ve-identified specification, including the claims. I ty of this application in accordance with 37 C.F.R §1.56.
	edge that any willful false statement made in this d not more than five (5) years, or both.	eclaration is punishable under 18 U.S.C. 1001 by fine or
M-63, Benton Har		as "ASSIGNEE") having places of business at 2000 Northing the entire right, title and interest in and to said invention
receipt and sufficie unto said ASSIGN including any and and reissue of said including the right accorded ASSIGN treaties; and the er	iency of are hereby acknowledged, I (hereinafter ref NEE, the entire right, title and interest in and to said d all United States Letters Patent granted on any dis d application; and the entire right, title and interest nt to apply for patents and inventor certificates in re NOR under terms of the Paris International Convent entire right, title and interest in and to any and all pa	rigreement, and/or for good and valuable consideration, the ferred to as "ASSIGNOR") hereby sell, assign and transfer invention and application throughout the United States, rision, continuation, continuation-in-part, reexamination in and to the said invention throughout the world, spect thereof and to claim priority pursuant to rights ion and all other available international conventions and atents, patents of addition, utility models, patents of y 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.		
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	F INVENTOR	//
Inventor: Lynne F. I	Hunter Signature: 1244	
Date:	<u> </u>	,

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of CAB	BINET REINFORCING ASSEMBLY
Invention	
This declaration The is directed to:	entor, I hereby declare that: e attached application, or sited States application or PCT international application numbered one
The above-identified app	plication was made or authorized to be made by me.
I believe that I am the ori	iginal 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.	
	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or re than five (5) years, or both.
	OL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North fichigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention throughout the world;
receipt and sufficiency of unto said ASSIGNEE, the including any and all Un and reissue of said applic including the right to ap accorded ASSIGNOR un treaties; and the entire ri	accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the fare hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer e entire right, title and interest in and to said invention and application throughout the United States, nited States Letters Patent granted on any division, continuation, continuation-in-part, reexamination cation; and the entire right, title and interest in and to the said invention throughout the world, ply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights ader terms of the Paris International Convention and all other available international conventions and ight, title and interest in and to any and all patents, patents of addition, utility models, patents of a 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.	
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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 INVI	ENTOR 3 MARIE TO THE STATE OF T
Inventor: Abhay Naik	
Date: The Jan 2	tico — — — — — — — — — — — — — — — — — — —

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	CABINET REINFORCING ASSEMBLY
Invention	\$
This declaration	ed inventor, I hereby declare that:
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 tuty 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 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 is 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 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 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 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 ASSICNEE in and but at no expense information conce testimony on bela defense of any pat	R 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 rning 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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	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: Sanket Vi	F INVENTOR  vek Phalak Signature:
Date: 01/06	1 2,026

## 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	CABINET REINFORCING ASSEMBLY
	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.
•	dge 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.
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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 natire 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 courself. ASSIGNEE in and but at no expense information concestestimony on behadefense of any pat	PR 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 rining 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 all 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 rred 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 r 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 O	FINVENTOR
Inventor: Aaron Mi	chael Stewart Signature: Was Slewert
Date: 1-3-2	<u>010</u>

**RECORDED: 01/16/2020**