#### 503836213 05/20/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3882861

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL DE CAVALCANTI	05/13/2016
ALEXANDRE D. GROSSE	05/19/2016
JOSE PAULO REMOR	05/16/2016

#### **RECEIVING PARTY DATA**

Name:	WHIRLPOOL CORPORATION	
Street Address:	2000 NORTH M-63	
City:	GRAND RAPIDS	
State/Country:	MICHIGAN	
Postal Code:	49022	

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

Property Type	Number
Application Number:	29565447

#### **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:** 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-06436-US-DP[2]	
NAME OF SUBMITTER:	MICHAEL T. HAGES	
SIGNATURE:	/Michael T. Hages/	
DATE SIGNED:	05/20/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 3** 

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PATENT 503836213 REEL: 038658 FRAME: 0369

Atty Docket: SUB-06436-US-DP[2]

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES	
	REFRIGERATOR AIR FILTER ASSEMBLY	
Invention		
	d inventor, I hereby declare that:  The attached application, or  United States application or PCT international application number filed on	
The above-identifie	d application was made or authorized to be made by me.	
I believe that I am t	ne 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.		
	ge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or t more than five (5) years, or both.	
M-63, Benton Harb	LPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North or, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention and throughout the world;	
receipt and sufficient unto said ASSIGNE including any and a and reissue of said a including the right accorded ASSIGNC treaties; and the ent	E, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the next of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer (E, 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 of under terms of the Paris International Convention and all other available international conventions and ire right, title and interest in and to any and all patents, patents of addition, utility models, patents of lation patents and inventor certificates which may be granted throughout the world in respect of said	
prosecution and ma and in foreign coun ASSIGNEE in and to but at no expense to information concern testimony on behalf defense of any pater	thereby agrees to execute any documents that legally may be required in connection with the filing, intenance of said application or any other patent application(s) or inventor certificate(s) in the United States tries for said invention, including additional documents that may be required to affirm the rights of o 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 aning the invention that are within ASSIGNOR'S possession or control and to provide further assurances and of of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and an application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under the extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.	
Letters Patent refers ASSIGNEE'S sole us end of the term for	vauthorizes 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 see 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 a greement and sale not been made.	
	rizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information reded to effect its recordal in the U.S. Patent and Trademark Office.	
LEGAL NAME OF	INVENTOR // //	
Inventor: Daniel de Ca	svalcanti Signature: fung Cafri	
Date: 05-13-1	16	

PATENT REEL: 038658 FRAME: 0370

Atty Docket: SUB-06436-US-DP[2]

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

THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPO	OSES
itle of REFRIGERATOR AIR FILTER ASSEMBLY	
vention	
s the below named inventor, I hereby declare that:  nis 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 No -63, Benton Harbor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said inventible United States and throughout the world;	rth tion
OW, THEREFORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, ceipt and sufficiency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer as a said assign and transfer to 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 corded ASSIGNOR under terms of the Paris International Convention and all other available international conventions are 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.	fer s, n
LSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, cosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United Stand 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 a stimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance a efense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under its instrument and to ASSIGNOR'S heirs, executors, administrators and other legal representatives.	n und ind
SSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States etters 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 ad 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 information document needed to effect its recordal in the U.S. Patent and Trademark Office.	ation
EGAL NAME OF INVENTOR	
ventor: Alexandre D. Grosse Signature: A Wibble	
ate: 19 MAY 2016	

PATENT REEL: 038658 FRAME: 0371

Atty Docket: SUB-06436-US-DP[2]

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

THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of REFRIGERATOR AIR FILTER ASSEMBLY
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: Jose Paulo Remor  Signature:
Date: 5/16/2016

PATENT REEL: 038658 FRAME: 0372

**RECORDED: 05/20/2016**