504780206 02/15/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4826935

UBMISSION TYPE: NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
JOSHUA GEORGE ABDOO		01/10/2018
ARIANA M. BRUNO		01/11/2018
KEVIN M. CHASE		01/11/2018
RAHUL DUDHE		01/12/2018
NEOMAR GIACOMINI		01/10/2018
ARAVIND NAGARAJAN		01/13/2018
MARIA PAOLA PIROVANO		01/12/2018
JOEL MATTHEW SELLS		01/10/2018
AARON EDWARD SHOWERS		01/10/2018

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:	15896477

CORRESPONDENCE DATA

Fax Number:	(616))957-8196	
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:	6169	9499610	
Email:	ptom	nail@priceheneveld.com	
Correspondent Name:	PRIC	PRICE HENEVELD LLP WHIRLPOOL CORPORATION	
Address Line 1:	2000	2000 NORTH M63	
Address Line 4:	BEN	BENTON HARBOR, MICHIGAN 49022	
ATTORNEY DOCKET NUMBER: SUB-10404-US-CIP		SUB-10404-US-CIP	
NAME OF SUBMITTER: RYAN J. FLAHERTY		RYAN J. FLAHERTY	

SIGNATURE:	/Ryan J. Flaherty/	
DATE SIGNED:	02/15/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9		
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	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES	
Title of	FOODSTUFF SENSING APPLIANCE	
Invention		
	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 have been have been applied on the specification 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 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 there right, title and interest in 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 m and in foreign cou ASSIGNEE in and but at no expense information conce testimony on beha defense 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 ntries 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 lf 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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	prizes 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.	
LECAL MANE OF		
LEGAL NAME OF	DAX UIIII	
Inventor: <u>Joshua Ge</u>	Porge Abdoo Signature: OM UMU	

Date: 1/10/18

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LEGAL NAME OF I	NVENTOR		
Inventor: <u>Ariana M. E</u>	P H		
01 11 2018			
Date:			

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LEGAL NAME OF	INVENTOR			
Inventor: Kevin M.	ChaseSignature:			
Date:///	/18			

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As the below nar This declaration is directed to:	ned inventor, I hereby disclare that: Image: State application or Image: State application or PCT international application number	
The above-identi	fied application was made or authorized to be made by me.	
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receipt and suffic unto said ASSIGN including any and and reissue of sai including the righ accorded ASSIGN treaties; and the e	ORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the iency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer VEE, 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 d application; and the entire right, title and interest in and to the said invention throughout the world, 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 IOR 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 lidation patents and inventor certificates which may be granted throughout the world in respect of said	
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LEGAL NAME O	dheSignature:	
Date $(2 / 2)$	an 1 2018	

THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES

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

Invention			
As the below named inventor, I hereby declare that: This declaration I The attached application, or is directed to: I United States application or PCT international application number filed on			
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LEGAL NAME OF INVENTOR Inventor: Neomar Giacomini Signature: Abover Date: JANUARY 10th, 2018			
Date: <u>VAPVARY</u> <u>UJ</u>			

Atty Docket: SUB-10404-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 FOODSTUFF SENSING APPLIANCE			
Invention			
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LEGAL NAME OF INVENTOR Inventor: Aravind Nagarajan Signature: NJ. Aud Date: 13-JAN - 2018			

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LEGAL NAME OF INVENTOR	
Inventor: Maria Paola Pirovano	Signature: Maria Laska Tinovano
Date: 12/Jan /2018	_

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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 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: Joel Matthew Sells Signature:	
Date: 1/10/2018	

REEL: 044944 FRAME: 0746

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

THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES	
Title of FOODSTUFF SENSING APPLIANCE	
Invention	
As the below named inventor, I hereby declare that: This declaration I The attached application, or is directed to: I 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 respect thereof 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: Aaron Edward Showers Signature:	
Date: Jan 10, 2018	
PATENT	

RECORDED: 02/15/2018