502645054 01/22/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2691662

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY R. FULMER	05/28/2013
KAUSTAV GHOSH	08/15/2013
WILLIAM L. MURCH	06/07/2013
MIR A. QUDDUS	05/28/2013
NICHOLAS E. RIGHETTI	05/30/2013

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:	14160640

CORRESPONDENCE DATA

 Fax Number:
 (269)923-5778

 Phone:
 2699235470

Email: Deborah_Tomaszewski@Whirlpool.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: WHIRLPOOL CORPORATION - MD 3601

Address Line 1: 2000 NORTH M63

Address Line 2: MD 3601

Address Line 4: BENTON HARBOR, MICHIGAN 49022

ATTORNEY DOCKET NUMBER: SUB-03139-US-NP
PATENT

502645054 REEL: 032015 FRAME: 0005

NAME OF SUBMITTER:	MICHAEL D. LAFRENZ
Signature:	/MICHAEL D. LAFRENZ/
Date:	01/22/2014
Total Attachments: 5 source=SUB-03139-US-NPdecasn#page1.t source=SUB-03139-US-NPdecasn#page2.t source=SUB-03139-US-NPdecasn#page3.t source=SUB-03139-US-NPdecasn#page4.t source=SUB-03139-US-NPdecasn#page5.t	if if if

Atty Docker, SUB-03139-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	METHODS AND COMPOSITIONS FOR TREATING LAUNDRY ITEMS
Invention	
As the below na This declaration is directed to:	med inventor, I hereby declare that: The attached application, or United States application or PCT international application number
The above-iden	tified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
I hereby state th acknowledge th	at I reviewed and understand the contents of the above-identified specification, including the claims. I e duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
I hereby acknow imprisonment o	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or f not more than five (5) years, or both.
And with a second of The The	HRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North Moor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in and throughout the world;
unto said ASSIG including any an reissue of said apright to apply for under terms of the right, title and in	ORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the ciency of are hereby acknowledged. I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer NEE, the entire right, title and interest in and to said invention and application throughout the United States, and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and explication; and the entire right, title and interest in and to the said invention throughout the world, including the repatents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR and international Convention and all other available international conventions and treaties; and the entire iterest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation into certificates which may be granted throughout the world in respect of said invention.
and in foreign co ASSIGNEE in an at no expense to concerning the in behalf of ASSIGN patent application	OR hereby agrees to execute any documents that legally may be required in connection with the filing, maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States untries for said invention, including additional documents that may be required to affirm the rights of d to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information wention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on WEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any no repatent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument SSIGNOR'S heirs, executors, administrators and other legal representatives.
ASSIGNEE'S sole of the term for wh	by authorizes and requests the Commissioner of Palenis 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 end hich such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR att and sale not been made.
ASSIGNOR auth in this document	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.
	OF INVENTOR RY R. FULMER_Signature: A Separation of the separat
Date: <u>85</u>	<u>-28-2013</u>

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

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Title of	METHODS AND COMPOSITIONS FOR TREATING LAUNDRY ITEMS
Invention	
As the below not This declaration is directed to:	amed inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on
The above-iden	tified application was made or authorized to be made by me.
I believe that I a	um the original inventor or an original joint inventor of a claimed invention in the application.
I hereby state th acknowledge th	nat I reviewed and understand the contents of the above-identified specification, including the claims. I ne duty to disclose information material to patentability of this application in accordance with 37 C.F.R §1.56.
I hereby acknow imprisonment c	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.
63, Benton Harl	HIRLPOOL CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at 2000 North M-bor, Michigan 49022, U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention in 2s and throughout the world;
receipt and suff unto said ASSIC including any a reissue of said a right to apply fo under terms of I right, title and is	FORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the iciency of are hereby acknowledged, I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer GNEE, the entire right, title and interest in and to said invention and application throughout the United States, and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and application; and the entire right, title and interest in and to the said invention throughout the world, including the or patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR the Paris International Convention and all other available international conventions and treaties; and the entire interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation entor certificates which may be granted throughout the world in respect of said invention.
prosecution and and in foreign of ASSIGNEE in an at no expense to concerning the in behalf of ASSIG patent application	NOR hereby agrees to execute any documents that legally may be required in connection with the filing, I maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States countries for said invention, including additional documents that may be required to affirm the rights of and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but a ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on INEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any on or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent re ASSIGNEE'S sol of the term for v	reby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States eferred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for le use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR tent and sale not been made.
ASSIGNOR aut in this documen	thorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information at needed to effect its recordal in the U.S. Patent and Trademark Office.
LEGALNAMI	E OF INVENTOR
Inventor: <u>KAUS</u> 7	TAV GHOSH_Signature:
Date: <u> </u>	5/2013

Atty Docker, \$UB-03,139-US-MP

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

	☐ THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of	METHODS AND COMPOSITIONS FOR TREATING LAUNDRY ITEMS
Invention	
	amed invensor, I hereby declare that: The attached application, or United States application number
The above iden	utified 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.
	hat I reviewed and understand the contents of the above-identified specification, including the claims. I be duty to disclose information material to patentability of this application in accordance with 37 C.F.B. §1.56.
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neceipt and suf- unto said ASSI including any : reissue of said right to apply i under terms of right, title and	FORE, in accord with my obligations by law and/or agreement, and/or for good and valuable consideration, the ficiency of are hereby acknowledged. I (hereinafter referred to as "ASSIGNOR") hereby sell, assign and transfer GNEE, the entire right, title and interest in and to said invention and application throughout the United States, and all United States Letters Patent granted on any division, continuation, continuation-in-part, reexamination and application, and the entire right, title and interest in and to the said invention throughout the world, including the or patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR the Paris International Convention and all other available international conventions and treaties; and the entire interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation rentor certificates which may be granted throughout the world in respect of said invention.
prosecution an and in foreign ASSIGNEE in a at no expense t concerning the behalf of ASSIG patent applicat	NOR hereby agrees to execute any documents that legally may be required in connection with the filing, of maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States countries for said invention, including additional documents that may be required to affirm the rights of and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration but to ASSIGNOR, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information invention that are within ASSIGNOR'S possession or control and to provide further assurances and testimony on an accompanies of a control and to provide further assurance and defense of any time of patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument ASSIGNOR'S heirs, executors, administrators and other legal representatives.
Letters Patent : ASSIGNEE'S so of the term for	ereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for sic use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR need and sale not been made.
	othorizes any member or representative of WHIRLPOOL CORPORATION to insert or complete any information on recordal in the U.S. Patent and Trademark Office.
	EOF INVENTOR IAM L. MURCH. Signature: William. March.
	\$ ************************************
Date: Ju	<u>e 7, 2013</u>

Arty Docket: SUB-03139-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 METHODS AND COMPOSITIONS FOR TREATING LAUNDRY ITEMS
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.
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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: MIR A. QUDDUS Signature:
Date: <u>OS/28/13</u>

Atty Docket: SUB-03139-US-NP

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LEGAL NAME OF INVENTOR
Inventor: NICHOLAS E. RIGHETTI Signature:
Date: 5/30/2013

PATENT REEL: 032015 FRAME: 0011

RECORDED: 01/22/2014