### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4530063

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JASON AMMERMAN	01/31/2017
ZACHARY A. LOWNDS	01/31/2017
MICHAEL S. SEELEY	12/21/2016
JASON W. TIPPETTS	12/21/2016

#### **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:	29589232

#### CORRESPONDENCE DATA

Fax Number: (269)923-5778

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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Email: mike\_lafrenz@whirlpool.com, ptomail@priceheneveld.com

WHIRLPOOL CORPORATION - MD 3601 / PRICE **Correspondent Name:** 

Address Line 1: 2000 NORTH M63

Address Line 4: BENTON HARBOR, MICHIGAN 49022

ATTORNEY DOCKET NUMBER:	SUB-08103-US-DP	
NAME OF SUBMITTER:	BRIAN R. CHESLEK	
SIGNATURE:	/brianrcheslek/	
DATE SIGNED:	08/01/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 4** 

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**PATENT REEL: 043156 FRAME: 0124** 

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

	THIS DOCUMENT IS BEING SUBMITTED FOR DUAL PURPOSES
Title of AIR TOWER	
Invention	
As the below named inventor, I hereby declare that:  This declaration   The attached application, or is directed to:   United States application or PCT internation filed on <u>December 29, 2016</u> .	onal application number <u>29/589,232</u>
The above-identified application was made or authorized to be n	nade by me.
I believe that I am the original inventor or an original joint inven	tor of a claimed invention in the application.
I hereby state that I reviewed and understand the contents of the acknowledge the duty to disclose information material to patent	
I hereby acknowledge that any willful false statement made in the imprisonment of not more than five (5) years, or both.	is declaration is punishable under 18 U.S.C. 1001 by fine or
WHEREAS, WHIRLPOOL CORPORATION (hereinafter referred M-63, Benton Harbor, Michigan 49022, U.S.A. is desirous of acquin the United States and throughout the world;	
NOW, THEREFORE, in accord with my obligations by law and, receipt and sufficiency of are hereby acknowledged, I (hereinafte unto said ASSIGNEE, the entire right, title and interest in and to including any and all United States Letters Patent granted on any and reissue of said application; and the entire right, title and inteincluding the right to apply for patents and inventor certificates accorded ASSIGNOR under terms of the Paris International Contreaties; and the entire right, title and interest in and to any and a importation, revalidation patents and inventor certificates which invention.	referred to as "ASSIGNOR") hereby sell, assign and transfer said invention and application throughout the United States, with division, continuation, continuation-in-part, reexamination erest in and to the said invention throughout the world, in respect thereof and to claim priority pursuant to rights wention and all other available international conventions and all patents, patents of addition, utility models, patents of
ALSO, ASSIGNOR hereby agrees to execute any documents the prosecution and maintenance of said application or any other pa and in foreign countries for said invention, including additional ASSIGNEE in and to said invention, all without further consider but at no expense to ASSIGNOR, to identify and communicate to information concerning the invention that are within ASSIGNOI testimony on behalf of ASSIGNEE that lawfully may be required defense of any patent application or patent encompassed within this instrument shall extend to ASSIGNOR'S heirs, executors, ad ASSIGNOR hereby authorizes and requests the Commissioner Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE ASSIGNEE'S sole use and behoof; and for the use and behoof of	tent application(s) or inventor certificate(s) in the United States documents that may be required to affirm the rights of ation. ASSIGNOR also agrees, without further consideration assigned at ASSIGNEE'S request documents and assigned and to provide further assurances and of ASSIGNOR in respect of the prosecution, maintenance and the terms of this instrument. ASSIGNOR'S obligations under ministrators and other legal representatives.  of Patents and Trademarks to issue any and all United States of the entire right, title and interest in and to the same, for ASSIGNEE'S legal representatives and successors, to the full
end of the term for which such Letters Patent may be granted, as ASSIGNOR had this agreement and sale not been made.	
in this document needed to effect its recordal in the U.S. Patent a	LPOOL CORPORATION to insert or complete any information and Trademark Office.
LEGAL NAME OF INVENTOR	
Inventor: <u>Jason Ammerman</u> Signature:	
Date: 1/31//7-	

# 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	AIR TOWER	
This declaration [	ed inventor, I hereby declare that:  The attached application, or  United States application or PCT internation filed on <u>December 29, 2016</u> .	onal application number <u>29/589,232</u>
The above-identifi	ed application was made or authorized to be r	nade by me.
I believe that I am	the original inventor or an original joint inven	tor of a claimed invention in the application.
		above-identified specification, including the claims. I ability of this application in accordance with 37 C.F.R §1.56.
	dge that any willful false statement made in thot more than five (5) years, or both.	nis declaration is punishable under 18 U.S.C. 1001 by fine or
M-63, Benton Har		ed to as "ASSIGNEE") having places of business at 2000 North uiring 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 ASSIGNO treaties; and the en	ency of are hereby acknowledged, I (hereinafte EE, the entire right, title and interest in and to all United States Letters Patent granted on any application; and the entire right, title and inte to apply for patents and inventor certificates OR under terms of the Paris International Con tire right, title and interest in and to any and a	or agreement, and/or for good and valuable consideration, the or referred to as "ASSIGNOR") hereby sell, assign and transfer said invention and application throughout the United States, or division, continuation, continuation-in-part, reexamination rest in and to the said invention throughout the world, in respect thereof and to claim priority pursuant to rights evention and all other available international conventions and all patents, patents of addition, utility models, patents of may be granted throughout the world in respect of said
prosecution and m and in foreign cour ASSIGNEE in and but at no expense t information concer testimony on beha defense of any pate	naintenance of said application or any other paintries for said invention, including additional to said invention, all without further consider to ASSIGNOR, to identify and communicate to the invention that are within ASSIGNOF of ASSIGNEE that lawfully may be required.	tt legally may be required in connection with the filing, tent application(s) or inventor certificate(s) in the United States documents that may be required to affirm the rights of ation. ASSIGNOR also agrees, without further consideration a ASSIGNEE at ASSIGNEE'S request documents and tentor of Spossession or control and to provide further assurances and of ASSIGNOR in respect of the prosecution, maintenance and the terms of this instrument. ASSIGNOR'S obligations under ministrators and other legal representatives.
Letters Patent refer ASSIGNEE'S sole t end of the term for	rred to above to ASSIGNEE, as the ASSIGNEE use and behoof; and for the use and behoof of .	of Patents and Trademarks to issue any and all United States of the entire right, title and interest in and to the same, for ASSIGNEE'S legal representatives and successors, to the full 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 information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.		
LEGAL NAME OF	INVENTOR	
Inventor: Zachary	A. Lownds Signature:	
Date:	<u>~ 17</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 AIR TOWER 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
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: Michael S. Seeley Signature:
Date: 10.01,0016

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

**RECORDED: 08/01/2017**