

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5682214

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW P. EBROM	08/10/2018
MARK E. GLOTZBACH	10/05/2018
RICHARD A. MCCOY	05/15/2000
ANDREW D. WHIPPLE	09/11/2018
DONALD E. MAYNARD	09/19/2018
MATTHEW J. NIBBELINK	09/17/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WHIRLPOOL CORPORATION
<b>Street Address:</b>	2000 NORTH M-63
<b>Internal Address:</b>	MD 3601
<b>City:</b>	BENTON HARBOR
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	49022
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16205559
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(616)742-1010
<i>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.</i>	
<b>Phone:</b>	6167423500
<b>Email:</b>	patents@mcgarrybair.com
<b>Correspondent Name:</b>	MCGARRY BAIR PC
<b>Address Line 1:</b>	45 OTTAWA AVENUE, SW
<b>Address Line 2:</b>	SUITE 700
<b>Address Line 4:</b>	GRAND RAPIDS, MICHIGAN 49503
<b>ATTORNEY DOCKET NUMBER:</b>	PAT-US20080828-US-CNT2
<b>NAME OF SUBMITTER:</b>	PATRICK J. BURNS
<b>SIGNATURE:</b>	/Patrick J. Burns/
<b>DATE SIGNED:</b>	08/22/2019

PATENT

**Total Attachments: 13**

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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  
Invention**

**METHODS AND APPARATUS FOR COMMUNICATIVELY COUPLING INTERNAL  
COMPONENTS WITHIN APPLIANCES, AND APPLIANCES WITH EXTERNAL  
COMPONENTS AND ACCESSORIES**

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 15/056,674  
filed on February 29, 2016

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.

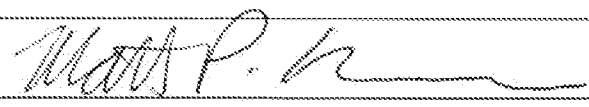
**ALSO, ASSIGNOR** hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including 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: Matthew P. Ebrom

Signature: 

Date: 8/10/18

**PATENT**

**REEL: 050136 FRAME: 0962**

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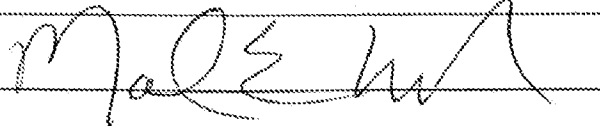
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LEGAL NAME OF INVENTOR

Inventor: Mark E. Glotzbach

Signature: 

Date: 10/5/2018

# WHIRLPOOL CORPORATION EMPLOYEE INVENTION AGREEMENT

## The Names Of The Parties

In this Agreement the words "Whirlpool" and "Company" mean Whirlpool Corporation or its successors or assigns. The words "you", "your" and "employee" refer to the employee of Whirlpool who signs this Agreement.

## The Purpose Of This Agreement

As an employee of Whirlpool Corporation you may create, use or have access to information of Whirlpool that is confidential. You also may create, use or have access to proprietary materials in which Whirlpool has ownership rights. These materials and information are valuable assets and their improper disclosure or use could cause damage to the competitive position of Whirlpool or have other adverse consequences.

Your signature on this document means you agree that your use of, creation of, or access to confidential information and proprietary materials will be only for the benefit of the Company and that these are among your obligations as an employee. This Agreement is also intended as an acknowledgment that the compensation and benefits paid by the Company to you are, in part, for performance of these obligations.

## The Definition of Confidential Information

In this Agreement the term "confidential information" means information regarded or designated as confidential by Whirlpool, or any of its subsidiaries or affiliates. Information that Whirlpool regards as confidential are:

- (A) \* **Business Information** - including engineering designs, drawings, unpublished internal financial information, customer lists, financial statements, information obtained from (or regarding) customers, sales figures, marketing figures, and projections or estimates;
- (B) **Methods and Procedures** - including methods of manufacture, formulas, engineering methods, engineering data, test data, marketing methods, sales methods, business techniques, procedures, policies, procedure manuals, and trade secrets; (Trade secrets are any formulas, patterns, devices or compilations of information that are used by Whirlpool and give the Company an opportunity to obtain an advantage over competitors);

- (C) **Information Systems** - including computer software (both internal and licensed), programs, printouts, access data or information, electronic mail and computerized records;
- (D) **Record Files and Documents** - including basic corporate records, personnel records, tax records, corporate planning documents, sales and marketing records, customer records, accounting records, any document designated as "confidential" and commercial documents such as contracts, invoices, purchase orders and financial instruments;
- (E) **Communications** - including correspondence, memoranda, notes, electronic mail, and communications with in-house or outside counsel, accountants or consultants; and
- (F) **Information** - including information that Whirlpool has agreed to keep confidential.

#### **The Definition of Proprietary Materials**

In this Agreement the term "proprietary materials" means:

- (A) **Materials In Which Whirlpool Has Property Rights including** - computer software, hardware and programs; intellectual property including any copyrightable or patentable materials or inventions; copyrights, patents, contracts, trade names, trademarks, service marks, slogans, films, scripts, inventions, processes, machines, designs, formulations, and compilations; and other materials that are in the exclusive control of Whirlpool Corporation, or its subsidiaries, affiliates or licensees;
- (B) **Assets of Whirlpool Corporation** that may be both "confidential information" and "proprietary material" such as computer software, customer lists and trade secrets; and
- (C) **Inventions, improvements or suggestions** conceived, created or made by you during your employment with Whirlpool, whether during your regular hours of employment or otherwise, that: (1) are related to the Company's existing business, contemplated business activities, or those of its subsidiaries or affiliates, and (2) are proprietary materials such as those described in the preceding paragraphs (A) and (B).

**Your Obligation Not To Use Or Disclose  
Proprietary Materials Or Confidential Information**

As an employee of Whirlpool you agree that you will not, without the prior written consent of the company, use or disclose any confidential information for your own benefit or for the benefit of any entity other than Whirlpool.

**Exceptions To Your Confidentiality Obligation**

Your obligations of confidentiality with regard to confidential information shall not apply if:

- (A) Such information is or becomes generally available to the public through no wrongful act by you; or
- (B) Such information is disclosed to you on a non-confidential basis from a third party not under any obligation of secrecy or non disclosure to Whirlpool or its subsidiaries or affiliates; or
- (C) You are compelled to disclose the information by court order or other legal process.

**Proprietary Materials Created By The Employee**

If you conceive, make or create proprietary materials during your employment, it may be necessary to apply for patents or copyrights to protect the interest of Whirlpool in these materials. As an employee you agree to assign, and hereby assign to Whirlpool, all your rights in such proprietary materials. Further, you agree that it is your obligation to, without further compensation:

- (A) Disclose to Whirlpool in writing all proprietary materials conceived, made or created by you individually or with others; and
- (B) Whether or not employed by Whirlpool, to assist and cooperate in all appropriate activities necessary for Whirlpool to protect the proprietary materials. These activities shall be at the Company's expense.

In the event the Company is unable for any reason whatsoever to secure your signature to any lawful and necessary documents required to apply for, or to prosecute, any United States or foreign patent or copyright applications, you hereby irrevocably designate and appoint the Company and its duly authorized officers and agents as your agent and attorney in fact, to act for and in your behalf and stead, to execute and file any such application and to do all other lawfully-permitted acts to further the prosecution and issuance thereof with

the same legal force and effect as if executed by you. You hereby waive and quitclaim to the Company any and all claims, of any nature whatsoever, which you may now have, or may hereafter have, for infringement of any patent or copyright resulting from any such application.

**Presumption of Invention**

You agree that any invention or software for which you may file application for Letters Patent or copyright, or that you disclose to anyone within six (6) months after the termination of your employment with Company, shall be presumed to have been made during the period of your employment. However, if in fact you conceive and make any such invention or software after the termination of belong to and shall be your sole property.

**Obligations And At-Will Employment**

Your obligations not to disclose or use confidential information or proprietary materials improperly exist at all times, even after the discontinuance of your employment for any reason. However, nothing in this Agreement is intended to be a guarantee of your continued employment for any specific duration. You and Whirlpool recognize that your employment is "at will" in all respects unless otherwise modified in writing by the President or Chief Executive Officer of Whirlpool Corporation. This Agreement shall be interpreted under the laws of the State of Michigan.

Agreed to, and signed, sealed and delivered this 15 day of May, <sup>2000</sup>199.

[Signature]  
(Employee's signature)

Catherine E. Embhoff  
Witness: (Whirlpool Management)

Richard McCoy  
(Typed/printed name of employee)

LEHS  
(Title/Business Unit of Employee)

**NOTE:** *This Agreement is to be submitted in duplicate to those employees who are asked to execute the Agreement. After signing, one original is to be forwarded to the Law Department, Technology Law Section, Whirlpool Corporation, 2000 N. M-63, Benton Harbor, Michigan 49022. One copy of the Agreement should be retained by the employee.*





## CONFLICTS OF INTEREST POLICY

HUMAN RESOURCES SALARIED EMPLOYEE POLICIES

Policy  
Number: D-6

Subject:  
Conflicts of Interest

Effective: 6/1/88

Page 1 of 3

*Whirlpool Corporation's policy with respect to conflict between the interest of the corporation and the personal interest of each officer and employee conducting the corporate business with others is as follows:*

1. Each officer and employee has a duty to Whirlpool to be entirely free from the influence of any personal considerations when dealing for Whirlpool with third parties, making recommendations with respect to such dealings, or passing judgment on such dealings.
2. Officers and employees shall perform the responsibilities of their position solely on the basis of what is in the best interest of the corporation and wholly free from influence of personal considerations or relationships.
3. Officers or employees performing their duties in conformity with this policy are precluded from having a material financial interest in, a significant indebtedness to, or a personal contract or understanding with any concern with which they do business on behalf of Whirlpool. As used in this policy statement, "a material financial interest" means any interest other than ownership of one percent or less of the outstanding securities of a corporation traded on a recognized stock exchange or over the counter; and the words "significant indebtedness" mean an obligation to anyone other than a bank or other qualified lending institution.
4. Officers or employees whose corporate duties bring them into business dealings with a concern in which they or members of their families have material financial interest or to which the employee or a member of his/her family have a significant indebtedness, or one employing a relative or close friend, shall disqualify themselves from acting on behalf of the corporation unless properly authorized in writing to act after full disclosure of the relationship. Such authorization is to be obtained through the corporate general counsel.
5. Officers or employees shall not accept for themselves, or for the benefit of any relative or friend, any payments, loans, services, favors involving more than ordinary social amenity, or gifts of more than tokens value, from any organization doing or seeking to do business with the corporation.
6. Officers or employees may not perform work or services, outside the course of their normal employment by the corporation, for an organization doing or seeking to do business with the corporation without appropriate recorded approval obtained through the corporate general counsel.

*HUMAN RESOURCES SALARIED EMPLOYEE POLICIES*

Policy  
Number: D-6

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Page 2 of 3

7. Officers or employees may not be a director, officer, partner or consultant of an organization doing or seeking to do business with the corporation, nor may they permit their names to be used in a way indicating a business connection with such an organization, without appropriate prior recorded approval obtained through the corporate general counsel.
8. The requirement of freedom from conflict of interest applies with equal force to the spouse, children, and other close relatives of each officer and employee.
9. All officers and exempt employees, and all non-exempt employees hired after January 1, 1969, will be required to execute a copy of the attached declaration and to keep such declaration current as necessary with respect to newly developing personal situations.
10. It is the responsibility of the human resource department at each operating unit to make sure that the policy is read and declarations are signed as provided in Item 9. Copies of the signed declaration are to become a part of the individual's personnel file.
11. The chief executive officer of the corporation has the ultimate authority and responsibility to determine applicability of this policy to the fact situation of each officer and employee, and decisions as to corrective measures and disciplinary action in the enforcement of the policy shall be final and conclusive.

HUMAN RESOURCES SALARIED EMPLOYEE POLICIES

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Page 3 of 3

Chairman of the Board  
Whirlpool Corporation  
Benton Harbor, Michigan

I have received, read, and understand Whirlpool Corporation Policy No. D-9 titled "Conflicts of Interest." I, and the members of my immediate family, will comply with the letter as well as the intent of the policy. There is no situation that conflicts with the policy and should be brought to the attention of my supervisor and Whirlpool Corporation at this time.

Name of Employee (Print or Type) Richard Alvey

Signature of Employee 

Division IHS

Date 5/15/88

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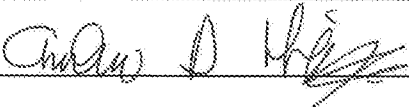
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LEGAL NAME OF INVENTOR

Inventor: Andrew D. Whipple

Signature: 

Date: 9/11/18

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LEGAL NAME OF INVENTOR

Inventor: Donald E. Maynard

Signature: *Donald E. Maynard*

Date: 9-19-2018

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filed on February 29, 2016

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: Matthew J. Nibbelink

Signature: 

Date: 9/17/2018

**PATENT**

**RECORDED: 08/22/2019**

**REEL: 050136 FRAME: 0974**