

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MICHAEL STEPHEN HENDRICKSON | 04/13/2007 |
| TIMOTHY NICHOLAS AYKROYD | 04/18/2007 |
| TREMITCHELL WRIGHT | 04/16/2007 |
| JOEL ADAM LUCKMAN | 04/13/2007 |
| COLLEEN M. DOYLE | 04/16/2007 |
| RECEIVING PARTY DATA | |
| Name: | WHIRLPOOL CORPORATION |
| Street Address: | 2000 NORTH M-63 |
| Internal Address: | MD 2200 |
| City: | BENTON HARBOR |
| State/Country: | MICHIGAN |
| Postal Code: | 49022 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11745015 |
| CORRESPONDENCE DATA | |
| Fax Number: | (269)923-5778 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 269-923-5470 |
| Email: | Deborah_Tomaszewski@Whirlpool.com |
| Correspondent Name: | JOHN F. COLLIGAN |
| Address Line 1: | 500 RENAISSANCE DR. |
| Address Line 2: | SUITE 102 MD 0750 |
| Address Line 4: | ST. JOSEPH, MICHIGAN 49085 |
| ATTORNEY DOCKET NUMBER: | US20060414 |

CH \$40.00 11745015

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**PATENT
REEL: 019256 FRAME: 0339**

NAME OF SUBMITTER:

JOHN F. COLLIGAN

Total Attachments: 4

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ASSIGNMENT

Serial No. _____

Filed: _____

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to **WHIRLPOOL CORPORATION (a Delaware corporation)** its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled "**WASH CYCLES USING OXIDIZING AGENTS AND SENSORS**" executed by the undersigned on the 13th day of April, 2007, the 18th day of April, 2007, the 16th day of April, 2007, the 13th day of April, 2007, and the 16th day of April, 2007, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

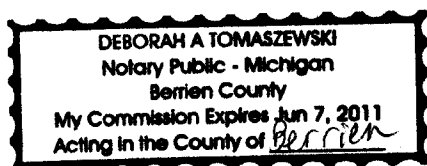
For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

April 13, 2007
STATE OF Michigan
COUNTY OF Berrien ^{ss}

Michael S. Hendrickson
MICHAEL STEPHEN HENDRICKSON

Before me, a Notary Public in and for the County and State aforesaid, appeared **MICHAEL STEPHEN HENDRICKSON** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.



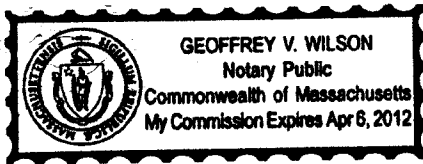
Deborah A. Tomaszewski
Notary Public

x April 18th, 2007

T. Nicholas Aykroyd
TIMOTHY NICHOLAS AYKROYD

STATE OF MA)
COUNTY OF Suffolk)
SS

Before me, a Notary Public in and for the County and State aforesaid, appeared **TIMOTHY NICHOLAS AYKROYD** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.



[Signature]
Notary Public

_____, 2007
STATE OF _____)
COUNTY OF _____)
SS

TREMITCHELL WRIGHT

Before me, a Notary Public in and for the County and State aforesaid, appeared **TREMITCHELL WRIGHT** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

_____, 2007
STATE OF _____)
COUNTY OF _____)
SS

JOEL ADAM LUCKMAN

Before me, a Notary Public in and for the County and State aforesaid, appeared **JOEL ADAM LUCKMAN** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

_____, 2007

TIMOTHY NICHOLAS AYKROYD

STATE OF _____)
COUNTY OF _____)
SS

Before me, a Notary Public in and for the County and State aforesaid, appeared **TIMOTHY NICHOLAS AYKROYD** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

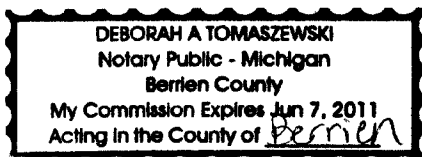
Notary Public

April 16, 2007, 2007

STATE OF Michigan)
COUNTY OF Berrien)
SS

TREMITCHELL WRIGHT

Before me, a Notary Public in and for the County and State aforesaid, appeared **TREMITCHELL WRIGHT** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.



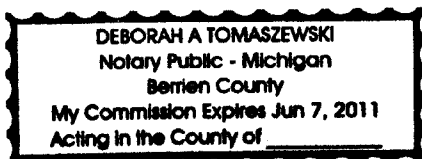
April 13, 2007

STATE OF Michigan)
COUNTY OF Berrien)
SS

Deborah A. Tomaszewski
Notary Public

JOEL ADAM LUCKMAN

Before me, a Notary Public in and for the County and State aforesaid, appeared **JOEL ADAM LUCKMAN** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.



Deborah A. Tomaszewski
Notary Public

April 16, 2007

CM Doyle
COLLEEN M. DOYLE

STATE OF Michigan
COUNTY OF Berrien ^{SS}

Before me, a Notary Public in and for the County and State aforesaid, appeared COLLEEN M. DOYLE to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Deborah A Tomaszewski
Notary Public

