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d original documents or copy thereof.

1. Name of conveying party(ies):

CHRISTIAN LOCH

CLEMENS JUNG

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Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 8/20/99, 8/23/99, 8/20/99

2. Name and address of receiving party(ies)

Name: WHIRLPOOL CORPORATION

Internal Address: MD 2200

Street Address: 2000 NORTH M-63

City: BENTON HARBOR State: MI ZIP: 49022-2692

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): DOCKET #IT98000738

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

U.S. Serial No. 09/353,246 filed 07/14/99

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

JOEL VAN WINKLE

Name: WHIRLPOOL CORPORATION

Internal Address: MD 2200

Street Address: 2000 NORTH M-63

City: BENTON HARBOR St: MI ZIP: 49022-2692

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

23-1660

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joel M. Van Winkle, Reg.No. 37,458
Name of Person Signing

Signature

MARCH 9, 2000
Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
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04/21/2000 TTON11 00000030 231660 09353246

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PATENT
REEL: 010707 FRAME: 0987

ASSIGNMENT

Serial No. 09/353,246Filed 07/14/99

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 "**Optical Sensor**" executed by the undersigned on the 20th day of August, 1999, the 23rd day of August, 1999, the 20th day of August, 1999, 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.

20.08.99 (sign name here)

Date (print name here)


LOCH CHRISTIAN

Assignor

13.08.99 (sign name here)

Date (print name here)


JUNG CLEMENS

Assignor

20.08.99 (sign name here)

Date (print name here)


KERSTEN GERHARD

Assignor