

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sukhwan Soontravanich</td> <td>12/10/2012</td> </tr> <tr> <td>Stephan Hubig</td> <td>12/10/2012</td> </tr> <tr> <td>Yang Zhang</td> <td>12/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sukhwan Soontravanich	12/10/2012	Stephan Hubig	12/10/2012	Yang Zhang	12/12/2012
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Sukhwan Soontravanich	12/10/2012								
Stephan Hubig	12/10/2012								
Yang Zhang	12/12/2012								
RECEIVING PARTY DATA									
Name:	ECOLAB USA INC.								
Street Address:	370 North Wabasha Street								
Internal Address:	Ecolab Center								
City:	St. Paul								
State/Country:	MINNESOTA								
Postal Code:	55102-2233								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13689876</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13689876				
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Application Number:	13689876								
CORRESPONDENCE DATA									
Fax Number:	5152881338								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	515-288-3667								
Email:	patatty@ipmvs.com								
Correspondent Name:	McKee, Voorhees & Sease, PLC								
Address Line 1:	801 Grand Avenue								
Address Line 2:	Suite 3200								
Address Line 4:	Des Moines, IOWA 50309-2721								
ATTORNEY DOCKET NUMBER:	P10400US00-3112US01								
NAME OF SUBMITTER:	JILL N. LINK								
Total Attachments: 4 source=3112US01_SOONTRAVANICH_P10400US00_ASSIGN_1-3-13_JNL#page1.tif source=3112US01_SOONTRAVANICH_P10400US00_ASSIGN_1-3-13_JNL#page2.tif source=3112US01_SOONTRAVANICH_P10400US00_ASSIGN_1-3-13_JNL#page3.tif source=3112US01_SOONTRAVANICH_P10400US00_ASSIGN_1-3-13_JNL#page4.tif									

CH \$40.00 13689876

ASSIGNMENT

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **ECOLAB USA INC.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at Ecolab Center, 370 North Wabasha Street, St. Paul, Minnesota, 55102-2233 its successors and assigns 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, Serial No. 13/689,876, filed in the United States Patent and Trademark Office on the 30th day of November, 2012, entitled **APE-FREE LAUNDRY EMULSIFIER**, 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, applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said **Ecolab USA Inc.**

For said considerations the undersigned hereby agree, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agree upon the request of said assignee, its successors or assigns, 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 with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein

hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns 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 and sale had not been made.

And for said considerations the undersigned hereby assign to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

Sukhwan Soontravanich
Sukhwan Soontravanich

On this _____ day of _____, _____, before me appeared Sukhwan Soontravanich, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Jinrat Siran
Witness

Jitipa Terasant
Witness

Stephan Hubig

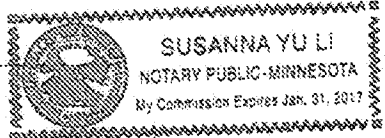
Stephan Hubig

STATE OF MINNESOTA)
COUNTY OF *Dakota*) ss.

On this 10th day of December, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared **Stephan Hubig** to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

[Signature]
Notary Public
Commission Expires



张洋 2012/12/12

Yang Zhang

On this _____ day of _____, _____, before me appeared Yang Zhang, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

樊小东 2012/12/12

Witness

许剑杰 2012/12/12

Witness