504284153 03/22/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITA CHATTORAJ	03/17/2017
MICHAEL J. MURCIA	03/17/2017

RECEIVING PARTY DATA

Name:	ECOLAB USA INC.	
Street Address:	1 ECOLAB PLACE	
City:	ST. PAUL	
State/Country:	MINNESOTA	
Postal Code:	55102	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15442221

CORRESPONDENCE DATA

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Correspondent Name: FREDRIKSON & BYRON, P.A. **Address Line 1:** 200 SOUTH SIXTH STREET

Address Line 2: SUITE 4000

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	29805.331.1	
NAME OF SUBMITTER:	CHARLES D. SEGELBAUM	
SIGNATURE:	/Charles D. Segelbaum/	
DATE SIGNED:	03/22/2017	

Total Attachments: 3

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PATENT 504284153 REEL: 041682 FRAME: 0673

ASSIGNMENT

Whereas, we, Mita Chattoraj, and Michael J. Murcia, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on February 24, 2017 which is entitled THERMOELECTRIC DEPOSIT MONITOR.

AND WHEREAS, 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 1 Ecolab Place, St. Paul, Minnesota 55102 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application and the right(s) to claim priority thereto, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the

PATENT REEL: 041682 FRAME: 0674 improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Vrue C. L.	Date: 03/17/8017
29W073 Oak Lane	
Warrenville, IL 60555, USA	
STATE OF /LL/NO 15	OFFICIAL SEAL LAURA D PILLING
COUNTY OF DUPAGE	NOTARY PUBLIC STATE OF ILLINOIS MY COMMISSION EXPIRES 05/01/20
Subscribed and swarn to before me this <u>771-</u> Iday of <u>NARCH</u> 2017.	
Jana Meins	
Notary Public	
Michael J. Murcia	Date: 3/17/17
446 Rutland Road	
Dekalb, IL 60115, USA	
STATE OF /LUNO (S)	
COUNTY OF <u>DUPPGE</u>	OFFICIAL SEAL \$
Subscribed and sworn to before me this/ <u>TH</u> day of <u>THRC1-1</u> 2017.	LAURA D PILLING NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES 05/01/20

SCHEDULE 1

US Patent Applications

Patent App. No.	Date Filed	Title	Attorney Docket No.
15/442,221	February 24, 2017	THERMOELECTRIC DEPOSIT MONITOR	29805.331.1

US Patents

Patent No.	Date Issued	Title

Foreign and International Patent Applications

Country	Patent App. No.	Date Filed	Title	Attorney Docket No.

Foreign Patents

Country	Patent No.	Date of Issue	Title

PATENT REEL: 041682 FRAME: 0676

RECORDED: 03/22/2017