

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6478919

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEONG-HOON YOON	01/23/2020
GEOFF TOWNSEND	03/17/2020
BRUNO C.M. FERNANDES	01/27/2020
ALESSANDRA GERLI	01/27/2020
ANA URMENYI	01/27/2020
MUHAMMAD TARIQ KHAN	01/26/2020
RECEIVING PARTY DATA	
Name:	ECOLAB USA INC.
Street Address:	1 ECOLAB PLACE
City:	SAINT PAUL
State/Country:	MINNESOTA
Postal Code:	55102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17085905
CORRESPONDENCE DATA	
Fax Number:	(612)492-7077
<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>	
Phone:	6124927000
Email:	IP@fredlaw.com
Correspondent Name:	PAUL J. LAVANWAY, JR.
Address Line 1:	200 SOUTH SIXTH STREET
Address Line 2:	SUITE 4000
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	29805.266.2
NAME OF SUBMITTER:	PAUL J. LAVANWAY, JR.
SIGNATURE:	/Paul J. LaVanway, Jr./
DATE SIGNED:	01/04/2021

Total Attachments: 7

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ASSIGNMENT

WHEREAS, we, Seong-Hoon Yoon; Geoff Townsend; Bruno C. M. Fernandes; Alessandra Gerli; Ana Urmenyi; and Muhammad Tariq Khan, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on November 1, 2019, which is entitled ACCURATE BIOCIDES DOSING FOR LOW CONCENTRATION MEMBRANE BIOFOULING CONTROL APPLICATIONS.

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, Saint 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 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.

Seong Hoon Yoon
Seong-Hoon Yoon

Date: 1/23/2020

2204 Caledonia Court

Naperville, IL 60564

STATE OF _____)
) ss

COUNTY OF _____)

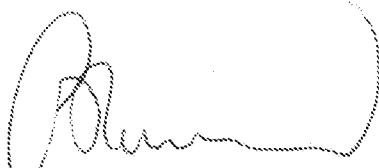
Subscribed and sworn to before me
this _____ day of _____ 2020.

Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: Craig W Myers
Full Name: Craig W Myers
Date: 1-23-2020

Witnessed by: Bingzhi CHEN
Full Name: Bingzhi CHEN
Date: 1/23/2020



Geoff Townsend

Attorney Docket No.: 29805.266
Ecolab Docket No. N11377

Date: 17th March 2020

1, Ivy Todd Cottages, Chapel Road

Cockfield

Bury St. Edmunds, Suffolk, UK, IP30 0HE

STATE OF _____)

)ss

COUNTY OF _____)

Subscribed and sworn to before me
this _____ day of _____ 2020.

Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: 

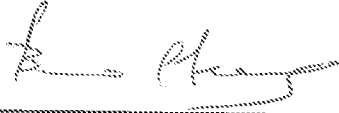
Full Name: A. J. HINES

Date: 17.03.20

Witnessed by: 

Full Name: CAROL HINES

Date: 17.03.20



Bruno C. M. Fernandes

Date: 2020, 01 27

Delftweg 140

Rijswijk, The Netherlands, 2289 BD

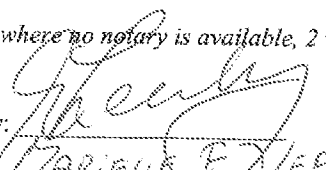
STATE OF _____)

COUNTY OF _____) ss

Subscribed and sworn to before me
this _____ day of _____ 2020.

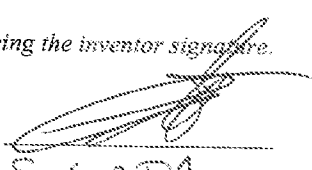
Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: 

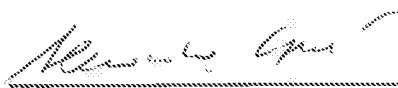
Full Name: MARIËTTE E. LEENTJENS

Date: 27-01-2020

Witnessed by: 

Full Name: S. COSTA

Date: 27-01-2020



Alessandra Gerli

Date: Jan 21, 2020

Lorentzkade 36

Leiden, The Netherlands, 2313 GD

STATE OF _____)

)ss

COUNTY OF _____)

Subscribed and sworn to before me
this ____ day of _____ 2020.

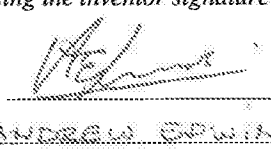
Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: 

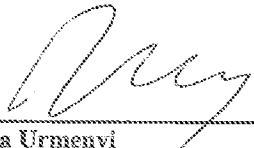
Full Name: Mariëtte E. Leendjens

Date: 20 - 01 - 2020

Witnessed by: 

Full Name: Andrew Edwin Gerrke

Date: 27 - 01 - 2020



Ana Urmenyi

Date: 27-01-2020

Esther de Boer van Rijklaan nr 75

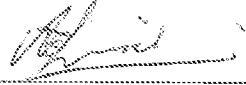
Utrecht, The Netherlands, 3584GL

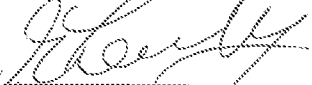
STATE OF _____)
COUNTY OF _____)ss

Subscribed and sworn to before me
this _____ day of _____ 2020.

Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor's signature.

Witnessed by: 
Full Name: ANDREW EDWIN LERRICK
Date: 27-01-2020

Witnessed by: 
Full Name: MARIELLE E. LEENTJENS
Date: 27-01-2020



Muhammad Tariq Khan

Date: 26 JAN 2020

4700 King Abdullah Univ. of Science and Technology

NALCO Water-KAUST Research Lab

Thuwal, Saudi Arabia, 23955

STATE OF _____)


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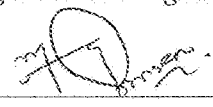
COUNTY OF _____)

Subscribed and sworn to before me
this _____ day of _____ 2020.

Notary Public

In situations where no notary is available, 2 witnesses may sign witnessing the inventor signature.

Witnessed by: 
Full Name: SAIRAM SUDHAKARAN.
Date: 26-Jan-2020

Witnessed by: 
Full Name: AL: Imran Sandhu
Date: 26-01-2020