502985168 09/22/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3031767

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIN-TAI CHANG	05/02/2014
ELDON DWYANN DALRYMPLE	09/22/2014

RECEIVING PARTY DATA

Name:	ECOLAB USA INC.
Street Address:	655 LONE OAK DRIVE
City:	EAGAN
State/Country:	MINNESOTA
Postal Code:	55121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14264664

CORRESPONDENCE DATA

Fax Number: (314)231-4342

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.

Phone: 314-345-7000

Email: uspatents@senniger.com
Correspondent Name: SENNIGER POWERS LLP

Address Line 1: 100 NORTH BROADWAY, 17TH FLOOR

Address Line 4: ST. LOUIS, MISSOURI 63102

ATTORNEY DOCKET NUMBER:	ECL E10241.US	
NAME OF SUBMITTER:	JANET S. HENDRICKSON, PH.D.	
SIGNATURE:	/Janet S. Hendrickson/	
DATE SIGNED:	09/22/2014	

Total Attachments: 4

source=02451478#page1.tif source=02451478#page2.tif source=02451478#page3.tif source=02451478#page4.tif

> PATENT REEL: 033792 FRAME: 0903

502985168

ASSIGNMENT

WHEREAS, We, Kin-Tai Chang of Sugar Land, Texas, and Eldon Dwyann Dalrymple of Pearland, Texas, have invented an improvement in IMPROVED PERMEABILITY OF SUBTERRANEAN RESERVOIRS USING ACID DIVERSION (PT10241US01; ECL E10241.US) and have executed an application for a United States patent based thereon assigned Serial No. 14/264,664, filed April 29, 2014;

AND, WHEREAS, Ecolab USA Inc. of Eagan, Minnesota, a corporation of the State of Minnesota (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder:

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest, including the right to claim priority, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be

granted on any of the aforesaid applications or on said invention or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Director of the United States Patent and Trademark Office of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

May 2, 2014

Kin-Tai Chang

STATE OF Texas)
COUNTY OF BEND)

On this A day of MAA, 2014, before me, a Notary Public, personally appeared Kin-Tai Chang to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires:

april 24,2017



BCL E10241.US
PATENT

WIEN, am 22, SEP. 2818

Date STATE OF

COUNTY OF

On this 22 day of Saplewber, before no, 2014, before to a Notary Fiblic, personally appeared Bldon Dwyann Dalrympie to me know to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.



My Commission Expires:

Gebühr in Hähe von € 14,30 gem. § 14 TP 13 GebG 1957 idF BGBI. II 191/2011 entrichtet.

B.R.Zl.: 1269/14

Ich bestätige die Echtheit der Unterschrift des Herrn Eldon Dwyann Dalry mple, geboren am 19.11.1948 (neunzehnten November neunzehnhundertachtundvierzig), Teinfaltstraße 3/6, A-1010 Wien.

Wien, am 22.09.2014 (zweiundzwanzigsten September zweitausendvierzehn). ---

I, the undersigned Magister Christoph-Rudolf Krenn, Deputy Austrian Civil Law Notary duly admitted and sworn with official residence at Vienna, hereby certify that the signature of Mr Eldon Dwyann D a l r y m p l e, born November 19, 1948, Teinfaltstraße 3/6, A-1010 Vienna, is authentic.

Vienna, September 22, 2014.-



THE POPULARIES OF THE STREET



Page 4 of 4

PATENT REEL: 033792 FRAME: 0907

JSB/cyb

RECORDED: 09/22/2014