

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2918219

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL G. ALLEN	06/09/2014
KENNETH G. CALDEIRA	05/29/2014
BRAN FERREN	10/23/2013
WILLIAM GATES	10/29/2013
W. DANIEL HILLIS	10/24/2013
RODERICK A. HYDE	11/01/2013
MURIEL Y. ISHIKAWA	11/10/2013
EDWARD K.Y. JUNG	12/03/2013
JORDIN T. KARE	12/09/2013
JOHN LATHAM	06/11/2014
NATHAN P. MYHRVOLD	11/16/2013
STEPHEN H. SALTER	11/04/2013
CLARENCE T. TEGREENE	06/16/2014
DAVID B. TUCKERMAN	10/25/2013
THOMAS A. WEAVER	06/11/2014
CHARLES WHITMER	06/20/2014
LOWELL L. WOOD JR.	10/14/2013
VICTORIA Y.H. WOOD	11/08/2013

RECEIVING PARTY DATA

Name:	ELWHA LLC
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13729095

CORRESPONDENCE DATA

Fax Number: (202)672-5399

PATENT

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.

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ATTORNEY DOCKET NUMBER:	103315-0132
NAME OF SUBMITTER:	LISAMARIE A. COLLINS
SIGNATURE:	/Lisamarie A. Collins/
DATE SIGNED:	06/27/2014

Total Attachments: 20

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Elwha LLC
11235 S.E. 6th Street, Suite 200
Bellevue, WA 98004

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

ARTICLES AND METHODS FOR ADMINISTERING CO2 INTO PLANTS

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith,
 ☐ executed on _____,
 ☒ Serial No. 13/729,095 Filed 12/28/2012

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

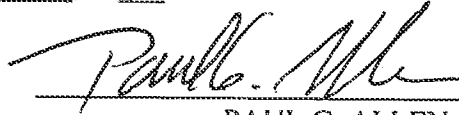
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 9th day of June, 2014.

A handwritten signature in cursive script, appearing to read "Paul G. Allen", written over a horizontal line.

PAUL G. ALLEN

Executed this 29 day of May, 2014.

A handwritten signature in dark ink, appearing to read 'K G CALDEIRA', written over a horizontal line.

KENNETH G. CALDEIRA

Executed this 23rd day of OCT, 2013.



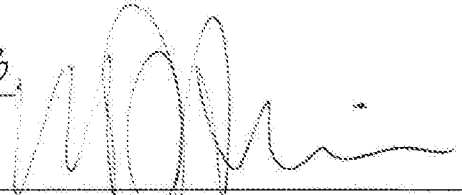
BRIAN FERREN

Executed this 29th day of October, 2013.



WILLIAM GATES

Executed this 24th day of October, 2013.



W. DANIEL HILLIS

Executed this 1st day of November, 2013.



RODERICK A. HYDE

Atty. Dkt. No. 103315-0132 (0108-029-001-000000)

Executed this 10 day of November, 2013.


MURIEL Y. ISHIKAWA

Executed this _____ day of _____, 20____.

Dec 3, 2013

/Edward Jung/
/Edward Jung/ (Dec 3, 2013)

EDWARD K.Y. JUNG

Page 10 of 20

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/Edward Jung/
e-Signed 2013-12-03 01:55PM PST
edward@intven.com

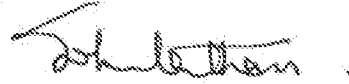


Executed this 9 day of Dec, 2013.



JORDIN T. KARE

Executed this 11 day of JUNE, 2014



JOHN LATHAM

Executed this 16 day of Nov, 2013.


NATHAN P. MYHRVOLD

Atty. Dkt. No. 103315-0132 (0108-029-001-000000)

Executed this 4 day of November, 2013

S. H. Salter

STEPHEN H. SALTER

Executed this 16th day of June, 2014.



CLARENCE T. TEGREENE

Executed this 25 day of October, 2013.

David B. Tuckerman

DAVID B. TUCKERMAN

Executed this 11th day of June, 2014.



THOMAS A. WEAVER

Executed this 20 day of June, 2014.


CHARLES WHITMER

Executed this 14th day of October, 2013.



LOWELL L. WOOD, JR.

Atty. Dkt. No. 103315-0132 (0108-029-001-000000)

Executed this 8th day of November, 2013.

Victoria Y.H. Wood
VICTORIA Y.H. WOOD