

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3622329

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JESSE R. CHEATHAM III	04/01/2015
WILLIAM DAVID DUNCAN	08/06/2015
EUN YOUNG HWANG	08/16/2015
RODERICK A. HYDE	04/03/2015
TONY S. PAN	07/16/2015
CLARENCE T. TEGREENE	04/21/2015
VICTORIA Y.H. WOOD	10/26/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ELWHA LLC
<b>Street Address:</b>	3150 - 139TH AVE SE
<b>Internal Address:</b>	BLDG 4
<b>City:</b>	BELLEVUE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98005
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14638947
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	801-328-3131
<b>Email:</b>	marla.howlett@stoel.com
<b>Correspondent Name:</b>	ELWHA LLC C/O STOEL RIVES LLP KORY D. CH
<b>Address Line 1:</b>	201 S. MAIN STREET
<b>Address Line 2:</b>	SUITE 1100
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84111
<b>ATTORNEY DOCKET NUMBER:</b>	46076/214
<b>NAME OF SUBMITTER:</b>	KORY D. CHRISTENSEN
<b>SIGNATURE:</b>	/Kory D. Christensen/

PATENT

<b>DATE SIGNED:</b>	11/18/2015
<b>Total Attachments: 9</b> source=46076_214Assignment#page1.tif source=46076_214Assignment#page2.tif source=46076_214Assignment#page3.tif source=46076_214Assignment#page4.tif source=46076_214Assignment#page5.tif source=46076_214Assignment#page6.tif source=46076_214Assignment#page7.tif source=46076_214Assignment_Pan#page1.tif source=46076_214Assignment_Pan#page2.tif	

ASSIGNMENT

We, Jesse R. Cheatham, III, William David Duncan, Eun Young Hwang, Roderick A. Hyde, Tony S. Pan, Clarence T. Tegreene, and Victoria Y.H. Wood declare that we have invented the invention described in a United States Utility Application Serial No. 14/638,947, titled SYSTEMS AND METHODS FOR REGULATING AN ENVIRONMENTAL VARIABLE WITHIN A TARGET ZONE HAVING MULTIPLE INHABITANTS, filed on March 4, 2015, in the United States Patent and Trademark Office, identified as Steel Rives LLP Docket No. 46076/214.

The Assignee, Elwha LLC, a limited liability company of the State of Delaware, having a place of business at 3150 - 139th Ave SE, Bellevue, WA 98005, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said inventions in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their

patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

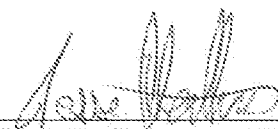
Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Dated: \_\_\_\_\_

4/1/15

  
Jesse R. Cheatham, III  
1301 Spring St Apt 11E  
Seattle, WA 98104

Dated: \_\_\_\_\_

William David Duncan  
15825 Village Green Drive, Unit 16  
Mill Creek, WA 98012

Dated: \_\_\_\_\_

Eun Young Hwang  
716 Spring St.  
Sausalito, CA 94965

patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

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Dated: \_\_\_\_\_

\_\_\_\_\_  
Jesse R. Cheatham, III  
1301 Spring St Apt 11E  
Seattle, WA 98104

Dated: 8/6/2015

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*William David Duncan*  
William David Duncan  
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Mill Creek, WA 98012

Dated: \_\_\_\_\_

\_\_\_\_\_  
Eun Young Hwang  
716 Spring St.  
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Dated: \_\_\_\_\_

\_\_\_\_\_  
Jesse R. Cheatham, III  
1301 Spring St Apt 11E  
Seattle, WA 98104

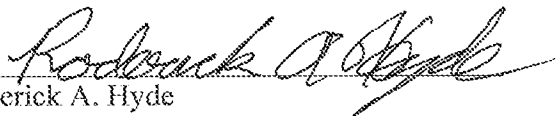
Dated: \_\_\_\_\_

\_\_\_\_\_  
William David Duncan  
15825 Village Green Drive, Unit 16  
Mill Creek, WA 98012

Dated: August 16, 2015

  
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Eun Young Hwang  
716 Spring St.  
Sausalito, CA 94965

Dated: 4/3/2015

  
Roderick A. Hyde  
9915 161st Avenue NE  
Redmond, WA 98052

Dated: \_\_\_\_\_

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Tony S. Pan  
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Clarence T. Tegreene  
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Dated: \_\_\_\_\_

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Victoria Y.H. Wood  
1185 Hillcrest Ave  
Livermore, CA 94550-4921


Dated: \_\_\_\_\_

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Dated: \_\_\_\_\_

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211 112th Ave NE, Apt 406  
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Dated: 4/21/15 \_\_\_\_\_

  
\_\_\_\_\_  
Clarence T. Tegreene  
5910 E Mercer Way  
Mercer Island, WA 98040

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Redmond, WA 98052

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Tony S. Pan  
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Dated: \_\_\_\_\_

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Clarence T. Tegreene  
5910 E Mercer Way  
Mercer Island, WA 98040

Dated: October 26, 2015

Victoria Y.H. Wood  
\_\_\_\_\_  
Victoria Y.H. Wood  
1185 Hillcrest Ave  
Livermore, CA 94550-4921

## ASSIGNMENT

WHEREAS, we, JESSE R. CHEATHAM III, WILLIAM DAVID DUNCAN, EUN YOUNG HWANG, RODERICK A. HYDE, TONY S. PAN, CLARENCE T. TEGREENE, and VICTORIA Y.H. WOOD (hereinafter referred to as ASSIGNORS), having post office addresses of 1301 Spring St Apt 11E, Seattle, WA 98104; 15825 Village Green Drive, Unit 16, Mill Creek, WA 98012; 413 Locust, Sausalito, CA 94965; 9915 – 161<sup>st</sup> Avenue N.E., Redmond, WA 98052; 211 – 112<sup>th</sup> Avenue N.E. #406, Bellevue, WA 98004; 5910 E Mercer Way, Mercer Island, WA 98040; and 1185 Hillcrest Ave, Livermore, CA 94550-4921, respectively, are the joint inventors of an invention entitled “SYSTEMS AND METHODS FOR REGULATING AN ENVIRONMENTAL VARIABLE WITHIN A TARGET ZONE HAVING MULTIPLE INHABITANTS,” as described and claimed in the specification for which an application for United States letters patent was filed on March 4, 2015 and assigned Application No. 14/638,947; and

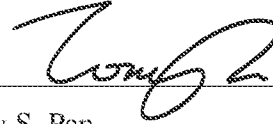
WHEREAS, Elwha LLC, (hereinafter referred to as ASSIGNEE), a limited liability company of the State of Delaware, having a place of business at 3150 139<sup>th</sup> Avenue S.E., Bldg. 4, Bellevue, WA 98005, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS

agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

07/16/2015

Date



Tony S. Pan