

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4381011

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GLEB M. AKSELROD	10/21/2016
RODERICK A. HYDE	10/21/2016
MURIEL Y. ISHIKAWA	02/09/2017
JORDIN T. KARE	10/24/2016
MAIKEN H. MIKKELSEN	04/08/2017
TONY S. PAN	01/27/2017
DAVID R. SMITH	07/02/2016
CLARENCE T. TEGREENE	09/09/2016
YAROSLAV A. URZHUMOV	10/21/2016
CHARLES WHITMER	09/07/2016
LOWELL L. WOOD JR.	07/09/2016
VICTORIA Y.H. WOOD	02/09/2017

RECEIVING PARTY DATA

Name:	ELWHA LLC
Street Address:	3150 139TH AVE SE
City:	BELLEVUE
State/Country:	WASHINGTON
Postal Code:	98005

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15193282

CORRESPONDENCE DATA

Fax Number: (425)679-0599

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: 4254672299

Email: janee@intvenls.com

Correspondent Name: FREDERICK A. KASEBURG

Address Line 1: 3150 139TH AVE SE

Address Line 4: BELLEVUE, WASHINGTON 98005

PATENT

ATTORNEY DOCKET NUMBER:	0115-013-002-000000
NAME OF SUBMITTER:	FREDERICK A. KASEBURG
SIGNATURE:	/Frederick A. Kaseburg/
DATE SIGNED:	04/24/2017
Total Attachments: 13 source=Assignment_Signed#page1.tif source=Assignment_Signed#page2.tif source=Assignment_Signed#page3.tif source=Assignment_Signed#page4.tif source=Assignment_Signed#page5.tif source=Assignment_Signed#page6.tif source=Assignment_Signed#page7.tif source=Assignment_Signed#page8.tif source=Assignment_Signed#page9.tif source=Assignment_Signed#page10.tif source=Assignment_Signed#page11.tif source=Assignment_Signed#page12.tif source=Assignment_Signed#page13.tif	

ASSIGNMENT

WHEREAS, we, Gleb M. Akselrod, Roderick A. Hyde, Muriel Y. Ishikawa, Jordin T. Kare, Maiken H. Mikkelsen, Tony S. Pan, David R. Smith, Clarence T. Tegreene, Yaroslav A. Urzhumov, Charles Whitmer, Lowell L. Wood, Jr., and Victoria Y.H. Wood (hereinafter referred to as ASSIGNORS), having post office addresses of 31 Grapevine Trail, Durham, NC 27707, 9915 161st Ave NE, Redmond, WA 98052, 1185 Hillcrest Ave, Livermore, CA 94550, 1567 Keesling Ave, San Jose, CA 95125, 608 E Forest Hills Blvd., Durham, NC 27707, 211 112th Ave NE Apt 406, Bellevue, WA 98004, 5310 Sutteridge Ct, Durham, NC 27713, 5910 E Mercer Way, Mercer Island, WA 98040, 10680 NE 29th St #92, Bellevue, WA 98004, 15509 Uplands Way SE, North Bend, WA 98045, 989 112th Ave NE #2310, Bellevue, WA 98004, and 1185 Hillcrest Ave, Livermore, CA 94550, respectively, are the joint inventors of an invention entitled "ENHANCED PHOTOLUMINESCENCE," as described and claimed in the specification for which an application for United States letters patent was filed on June 27, 2016 and assigned Application No. 15/193,282; 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 - 139th Ave SE Building 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, in consideration of One Dollar (\$1.00) and other 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.

10/21/2016

Date



Gleb M. Akselrod

Date

Roderick A. Hyde

Date

Muriel Y. Ishikawa

Date

Jordin T. Kare

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.

Date

Gleb M. Akselrod

10/21/2016

Date

Roderick A. Hyde

Roderick A. Hyde

Date

Muriel Y. Ishikawa

Date

Jordin T. Kare

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.

Date

Gleb M. Akselrod

Date

Roderick A. Hyde

February 9, 2017
Date

Muriel Y. Ishikawa
Muriel Y. Ishikawa

Date

Jordin T. Kare

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.

Date

Gleb M. Akselrod

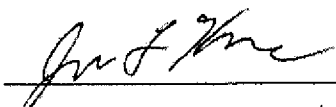
Date

Roderick A. Hyde

Date

Muriel Y. Ishikawa

10/24/2016
Date


Jordin T. Kare

0115-013-802

4/8/2017

Date

M. Mikkelsen

Maiken H. Mikkelsen

Date

Tony S. Pan

Date

David R. Smith

Date

Clarence T. Tegreene

Date

Yaroslav A. Urzhumov

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

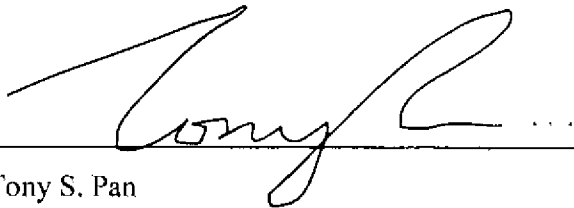
Date

01/27/2017

Date

Maiken H. Mikkelsen

Tony S. Pan



Date

David R. Smith

Date

Clarence T. Tegreene

Date

Yaroslav A. Urzhumov

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

Date

Maiken H. Mikkelsen

Date

Tony S. Pan

7/2/2016

Date

David R. Smith
David R. Smith

Date

Clarence T. Tegreené

Date

Yaroslav A. Urzhumov

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

Date

Maiken H. Mikkelsen

Date

Tony S. Pan

Date

David R. Smith

Date

9/9/16

Clarence T. Tegreene

Date

Yaroslav A. Urzhumov

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

Date

Maiken H. Mikkelsen

Date

Tony S. Pan

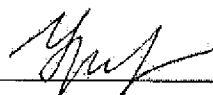
Date

David R. Smith

Date

Clarence T. Tegreene

10/21/2016
Date



Yaroslav A. Urzhumov

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

Date

Maiken H. Mikkelsen

Date

Tony S. Pan

Date

David R. Smith

Date

Clarence T. Tegreene

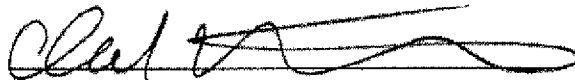
Date

Yaroslav A. Urzhumov

Date

9/7/2014

Charles Whitmer



Date

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

Date

Maiken H. Mikkelsen

Date

Tony S. Pan

Date

David R. Smith

Date

Clarence T. Tegreene

Date

Yaroslav A. Urzhumov

Date

Charles Whitmer

Date

9 July 2016

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

Date

Maiken H. Mikkelsen

Date

Tony S. Pan

Date

David R. Smith

Date

Clarence T. Tegreene

Date

Yaroslav A. Urzhumov

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

February 9, 2017

Date

Victoria Y.H. Wood

Victoria Y.H. Wood