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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM DAVID DUNCAN	11/21/2014
RODERICK A. HYDE	12/05/2014
JORDIN T. KARE	09/04/2015
THOMAS M. MCWILLIAMS	05/05/2016
THOMAS ALLAN WEAVER	12/18/2014
LOWELL L. WOOD JR.	11/23/2014

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:	14527534

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	46076/176
NAME OF SUBMITTER:	KORY D. CHRISTENSEN
SIGNATURE:	/Kory D. Christensen/
DATE SIGNED:	05/09/2016

PATENT REEL: 038521 FRAME: 0711

Total Attachments: 7 source=46076_176Assignment#page1.tif source=46076_176Assignment#page2.tif source=46076_176Assignment#page3.tif source=46076_176Assignment#page4.tif source=46076_176Assignment#page5.tif source=46076_176Assignment#page6.tif source=46076_176Assignment#page7.tif

PATENT REEL: 038521 FRAME: 0712

PATENT APPLICATION Docket No.: 46076/176

ASSIGNMENT

We, William David Duncan, Roderick A. Hyde, Jordin T. Kare, Thomas M. McWilliams, Thomas Allan Weaver, and Lowell L. Wood, Jr. declare that we have invented the invention described in a United States Utility Application Serial No. 14/527,534, titled SYSTEMS, METHODS AND DEVICES FOR INTER-SUBSTRATE COUPLING, filed on October 29, 2014, in the United States Patent and Trademark Office, identified as Stoel Rives LLP Docket No. 46076/176.

The Assignee, Elwha LLC, a limited liability company of the State of Delaware, having a place of business at 11235 S.E. 6th Street, Suite 200, Bellevue, WA 98004, 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

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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: 11/21/2014	William David Dun
	William David Duncan 15825 Village Green Drive, Unit 16 Mill Creek, WA 98012
Dated:	Roderick A. Hyde
	9915 161st Avenue NE Redmond, WA 98052
Dated:	
	Jordin T. Kare 908 15th Ave E Seattle, WA 98112

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Dated:	
	William David Duncan 15825 Village Green Drive, Unit 16 Mill Creek, WA 98012
Dated: 12/5/2014	Roderick A. Hyde
	9915 161st Avenue NE Redmond, WA 98052
The August 1	
Dated:	Jordin T. Kare 908 15th Ave E Seattle, WA 98112

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Dated:	
	William David Duncan 15825 Village Green Drive, Unit 16 Mill Creek, WA 98012
Dated:	Roderick A. Hyde
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Dated: 4 Sep 2015	Jordin T. Kare
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Dated:	5/5/20/6	La M. A. Callana
	***************************************	Thomas M. McWilliams
		5963 Manchester Drive
		Oakland, CA 94618
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		Thomas Allan Weaver
		101 Amoyo Ct No. 8
		San Mateo, CA 94402
Dated:		
		Lowell L. Wood, Jr.
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		Bellevue, WA 98004

Dated:		
		Thomas M. McWilliams
		5963 Manchester Drive
		Oakland, CA 94618
Dated:	12/18/14	20m
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-		Lowell L. Wood, Jr.
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	Thomas M. McWilliams
	5963 Manchester Drive
	Oakland, CA 94618
Dated:	
	Thomas Allan Weaver
	101 Arroyo Ct No. 8
	San Mateo, CA 94402
Dated: 23 November 2014	Lovel L. V. Zorf
	Lowell L. Wood, Jr.
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