

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2930406

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JESSE R. CHEATHAM III	04/24/2014
PHILIP ANDREW ECKHOFF	05/07/2014
WILLIAM GATES	03/10/2014
RODERICK A. HYDE	02/28/2014
MURIEL Y. ISHIKAWA	03/10/2014
JORDIN T. KARE	03/17/2014
NATHAN P. MYHRVOLD	03/06/2014
TONY S. PAN	03/03/2014
ROBERT C. PETROSKI	03/05/2014
CLARENCE T. TEGREENE	04/24/2014
DAVID B. TUCKERMAN	05/12/2014
CHARLES WHITMER	04/02/2014
LOWELL L. WOOD JR.	03/08/2014
VICTORIA Y.H. WOOD	03/10/2014
RECEIVING PARTY DATA	
Name:	ELWHA LLC
Street Address:	11235 S.E. 6TH STREET, SUITE 200
Internal Address:	ATTN: PAULA LOUD
City:	BELLEVUE
State/Country:	WASHINGTON
Postal Code:	98004
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14177796
CORRESPONDENCE DATA	
Fax Number:	(425)679-0566
<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>	
Phone:	4254672300
Email:	paulal@intven.com
PATENT	

Correspondent Name: CLARENCE T. TEGREENE
Address Line 1: 11235 S.E. 6TH STREET, SUITE 200
Address Line 2: ATTN: PAULA LOUD
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER: 0910-006-001-CIP2C1

NAME OF SUBMITTER: CORRIE L. VAA

SIGNATURE: /CORRIE L. VAA/

DATE SIGNED: 07/09/2014

Total Attachments: 15

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ASSIGNMENT

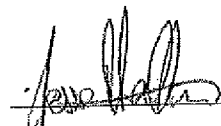
WHEREAS, we, JESSE R. CHEATHAM, III; PHILIP ANDREW ECKHOFF; WILLIAM GATES; RODERICK A. HYDE; MURIEL Y. ISHIKAWA; JORDIN T. KARE; NATHAN P. MYHRVOLD; TONY S. PAN; ROBERT C. PETROSKI; CLARENCE T. TEGREENE; DAVID B. TUCKERMAN; CHARLES WHITMER; LOWELL L. WOOD, JR.; VICTORIA Y.H. WOOD (hereinafter referred to as ASSIGNORS), having post office addresses of 1301 Spring Street, Apt. 11E, Seattle, WA 98104; 4230 – 105th Avenue N.E., Kirkland, WA 98033; One Microsoft Way, Redmond, WA 98052-6399; 9915 – 161st Avenue N.E., Redmond, WA 98052; 1185 Hillcrest Avenue, Livermore, CA 94550-4921; 908 – 15th Avenue East, Seattle, WA 98112; 11235 S.E. 6th Street, # 200, Bellevue, WA 98004; 7 Bowdoin St. Apt. 2, Cambridge, MA 02138; 1435 E. John Street #405, Seattle, WA 98112; 5910 E Mercer Way, Mercer Island, WA 98040; 3 Wellesley Court, Lafayette, CA 94549; 15509 Uplands Way S.E., North Bend, WA 98045; 989 – 112th Avenue N.E., #2310, Bellevue, WA 98004, and 1185 Hillcrest Avenue, Livermore, CA 94550-4921, respectively, are the joint inventors of an invention entitled “MATERIALS AND CONFIGURATIONS OF A FIELD EMISSION DEVICE,” as described and claimed in the specification for which an application for United States letters patent was filed on February 11, 2014 and assigned Application No. 14/177,796; and

WHEREAS, Elwha LLC, (hereinafter referred to as ASSIGNEE), 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, 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.

4/24/14
Date


Jesse R. Cheatham, III

Date

Philip Andrew Eckhoff

Date

William Gates

Date

Roderick A. Hyde

Date

Muriel Y. Ishikawa

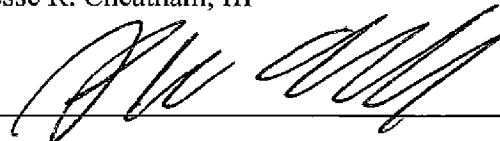
and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including 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.

Date

7 May 2016

Date

Jesse R. Cheatham, III



Philip Andrew Eckhoff

Date

William Gates

Date

Roderick A. Hyde

Date

Muriel Y. Ishikawa

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Date

Jesse R. Cheatham, III

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Philip Andrew Eckhoff

3/10/14
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William Gates
William Gates

Date

Roderick A. Hyde

Date

Muriel Y. Ishikawa

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Date

Jesse R. Cheatham, III

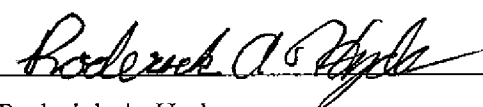
Date

Philip Andrew Eckhoff

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William Gates

2/28/2014
Date


Roderick A. Hyde

Date

Muriel Y. Ishikawa

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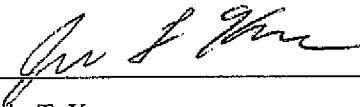
March 10, 2014

Date

Muriel Y. Ishikawa

Muriel Y. Ishikawa

17 Mar 2014
Date


Jordin T. Kare

Date

Nathan P. Myhrvold

Date

Tony S. Pan

Date

Robert C. Petroski

Date

Clarence T. Tegreene

Date

David B. Tuckerman

Date

Charles Whitmer

Date

Lowell L. Wood, Jr.

Date

Victoria Y.H. Wood

Date

3/6/14

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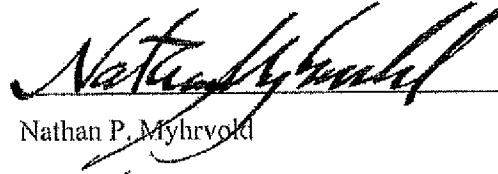
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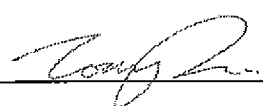
Clarence T. Tegreene

David B. Tuckerman

Charles Whitmer

Lowell L. Wood, Jr.

Victoria Y.H. Wood

Date	Jordin T. Kare
Date	Nathan P. Myhrvold
03/03/2014	
Date	Tony S. Pan
Date	Robert C. Petroski
Date	Clarence T. Tegreene
Date	David B. Tuckerman
Date	Charles Whitmer
Date	Lowell L. Wood, Jr.
Date	Victoria Y.H. Wood

Date Jordin T. Kare

Date Nathan P. Myhrvold

Date Tony S. Pan

Date 3/5/2014 Robert C. Petroski


Date Clarence T. Tegreene

Date David B. Tuckerman

Date Charles Whitmer

Date Lowell L. Wood, Jr.

Date Victoria Y.H. Wood

Date	Jordin T. Kare
Date	Nathan P. Myhrvold
Date	Tony S. Pan
Date	Robert C. Petroski
April 24, 2014	
Date	Clarence T. Tegreene
Date	David B. Tuckerman
Date	Charles Whitmer
Date	Lowell L. Wood, Jr.
Date	Victoria Y.H. Wood

Date

Jordin T. Kare

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Nathan P. Myhrvold

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Tony S. Pan

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Robert C. Petroski

Date

Clarence T. Tegreene

5-12-2014

Date

David B. Tuckerman

David B. Tuckerman

Date

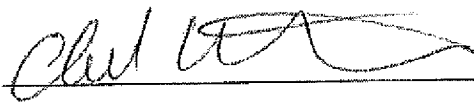
Charles Whitmer

Date

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Date	Jordin T. Kare
Date	Nathan P. Myhrvold
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Date	David B. Tuckerman
4/2/2014	
Date	Charles Whitmer
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Date	Victoria Y.H. Wood

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Date

Charles Whitmer

8 March 2014

Lowell L. Wood, Jr.

Date

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Date

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March 10, 2014

Victoria Y.H. Wood

Date

Victoria Y.H. Wood