

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5278020

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOON MAENG	10/17/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTELLECTUAL VENTURES FUND 79 LLC
<b>Street Address:</b>	7251 W LAKE MEAD BLVD
<b>Internal Address:</b>	SUITE 300
<b>City:</b>	LAS VEGAS
<b>State/Country:</b>	NEVADA
<b>Postal Code:</b>	89128
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15400621
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)796-2900
<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>	503-222-9981
<b>Email:</b>	IPDocketing@SCHWABE.com
<b>Correspondent Name:</b>	SCHWABE WILLIAMSON & WYATT
<b>Address Line 1:</b>	1211 SW FIFTH AVENUE
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	128978-220561
<b>NAME OF SUBMITTER:</b>	DAWN N. RHOADS
<b>SIGNATURE:</b>	/DAWN N. RHOADS/
<b>DATE SIGNED:</b>	12/11/2018
<b>Total Attachments: 3</b>	
source=128978-220561_Assignment_(parent)#page1.tif	
source=128978-220561_Assignment_(parent)#page2.tif	
source=128978-220561_Assignment_(parent)#page3.tif	

## ASSIGNMENT OF PATENT RIGHTS

The undersigned assignor, Joon Maeng, ("Assignor") has invented and wishes to assign inventions and improvements (the "Invention(s)") disclosed in the patent applications and patents filed in the United States Patent and Trademark Office that are identified on the attached Exhibit A. Assignee desires to acquire the entire right, title and interest in and to the assets and rights conveyed, assigned, and transferred pursuant to this Assignment of Patent Rights, made effective as of October 17<sup>th</sup>, 2011 (this "Assignment").

Now, therefore, for valuable consideration, the receipt and sufficiency of which the Assignor acknowledges, Assignor hereby irrevocably and unconditionally conveys, assigns, and transfers to Intellectual Ventures Fund 79 LLC, a Nevada limited liability company ("Assignee"), Assignor's full extent of the right, title, and interest in and to any and all of the following (the "Rights"):

- The Invention(s) and all rights in any country of the world with respect to the Invention(s);
- The patents listed on Exhibit A and all letters patents, United States patents or other governmental grants or issuances that may be granted or issued with respect to the Invention(s) (the "Patent(s)");
- The patent applications listed on Exhibit A and all divisions, continuations (in whole or in part), substitutions, renewals, and other applications claiming priority rights directly or indirectly from the Patents and/or any such applications (the "Application(s)");
- All reissues, requests for continuing examinations, reexaminations, extensions or registrations of the Application(s) and/or the Patent(s);
- All non-United States patents, patent applications, and counterparts with respect to the Invention(s), the Application(s), and the Patent(s) including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, and including the right to file foreign applications directly in the name of Assignee;
- The right to claim priority rights deriving from the Patent(s) and/or Application(s) and for Assignee to otherwise avail itself of the provisions of the international conventions governing the protection of inventions;
- All causes of action, remedies and other enforcement rights related to the Application(s), the Invention(s), and the Patent(s), including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the Application(s), the Invention(s), and/or the Patent(s);
- All rights to collect royalties and other payments under or on account of any of the Application(s), the Invention(s), and the Patent(s);
- Any and all other rights and interests arising out of, in connection with, or in relation to the Application(s), the Invention(s), and the Patent(s); and
- All documents related to the conception, diligence and reduction to practice of the Invention(s) and all domestic and international patent filing documents.

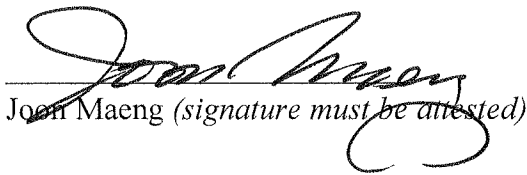
Assignor will not execute any writing or do any act conflicting with this Assignment, and, without further compensation, will execute all documents and do such additional acts as Assignee deems necessary or desirable to: perfect enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor will render any requested assistance in making application for and obtaining original, divisional, continuing (in whole or in part), reissued or extended letters patent

on the Invention(s) throughout the world. Assignor requests the respective patent office or governmental agency in each jurisdiction to grant or issue any and all letters patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

A copy of this Assignment will be deemed a full legal and formal equivalent of any document that may be required in any country as proof of the right of Assignee to apply for patent or other protection for any Invention(s) and to claim the benefit of the right of priority thereto. Assignor grants to Assignee the right, power and authority to insert in this Assignment any further information or identification that may be necessary or desirable to comply with the applicable rules and procedures for recordation of this Assignment, or perfecting its benefit, throughout the world.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor, its successors or assigns, and anyone properly designated by them. This Assignment may be executed in counterparts.

ASSIGNOR:

  
Joon Maeng (signature must be attested)


**ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746**

The undersigned witnessed the signature of Joon Maeng to the above Assignment of Patent Rights and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Joon Maeng is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on October 17, 2011 to execute the above Assignment of Patent.
3. Joon Maeng subscribed to the above Assignment of Patent Rights.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on 10-17-2011 (date)

  
Print Name: Solene Bleisten

**EXHIBIT A**

<b>U.S. App No.</b>	<b>U.S. Filing Date</b>	<b>Title and Name of First Named Inventor</b>
12/983,826	1/3/2011	Methods, devices, and mediums associated with content-searchable media Joon Maeng
12/983,874	1/3/2011	Methods, devices, and mediums associated with dynamic forum generation Joon Maeng
13/008,857	1/18/2011	Methods, devices, and mediums associated with auxiliary document content Joon Maeng
12/985,164	1/5/2011	Methods, devices, and mediums associated with providing a protected viewing area Joon Maeng
12/983,859	1/3/2011	Systems, methods, and mediums for producing panoramic images Joon Maeng
12/983,804	1/3/2011	Methods, devices, and mediums associated with supplementary audio information Joon Maeng
12/984,478	1/4/2011	Methods, devices, and mediums associated with displaying an electronic pane Joon Maeng
13/009,698	1/19/2011	Methods, devices, and mediums associated with controlling a power mode Joon Maeng
13/008,844	1/18/2011	Systems, methods, and mediums for adjusting an exposure of an image using a histogram Joon Maeng
13/009,719	1/19/2011	Methods, devices, and mediums associated with using user feedback with search operations Joon Maeng
13/164,624	6/20/2011	Methods, devices, and mediums for exchanging location information between devices Joon Maeng
13/161,305	6/15/2011	Methods, devices, and mediums for panning an image Joon Maeng
13/172,574	6/29/2011	Methods, devices, and mediums for generating a programming menu Joon Maeng
13/165,254	6/21/2011	Methods, devices, and mediums associated with collaborative research Joon Maeng