501915777 05/09/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
INTELLECTUAL VENTURES ASIA PTE. LTD.	02/01/2010

RECEIVING PARTY DATA

Name:	EMPIRE TECHNOLOGY DEVELOPMENT LLC	
Street Address:	2711 CENTERVILLE RD	
Internal Address:	SUITE 400	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19808	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12577909	

CORRESPONDENCE DATA

Fax Number: (206)441-5514 Phone: 2064483200

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: JENSEN & PUNTIGAM, P.S.

Address Line 1: 2033 6TH AVE, STE 1020

Address Line 4: SEATTLE. WASHINGTON 98121

ATTORNEY DOCKET NUMBER: MTCW001201

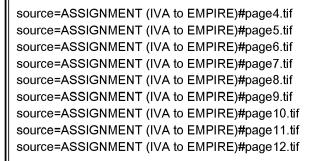
NAME OF SUBMITTER: Nathaniel A. Gilder

Total Attachments: 12

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PATENT REEL: 028183 FRAME: 0832 OF \$40.00 12577909

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ASSIGNMENT

This assignment is entered into by and between Intellectual Ventures Asia Pte. Ltd. ("IVA") and Empire Technology Development LLC, a Delaware limited liability company, with an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("Assignee").

- 1. Effective as February 1, 2010, IVA hereby sells, assigns, transfers, and conveys unto Assignee the full extent of its right, title and interest in and to the Patent Rights.
 - 2. IVA will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Patent Rights, conduct proceedings regarding the Patent Rights (including any litigation or interference proceedings), or perfect or defend title to the Patent Rights.
- 3. 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 inventions and to claim the benefit of the right of priority thereto. IVA grants to Assignee the right, power and authority to insert in this Assignment of Patent Rights 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.
- 4. The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon the IVA, its successors, legal representatives and assigns.

Intellectual Ventures Asia Pte. Ltd.

Jerome Hewlett, Executive Director

ATTESTATION

Each of the undersigned witnessed the signature of *Jerome Hewlett* to this document 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. Jerome Hewlett is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on February 4, 2010, to execute this document.

3. Jerome Hewlett subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

Print Name:

ACKNOWLEDGED AND ACCEPTED:

Empire Technology Development LLC

Date:_ 2/1/10

ATTESTATION

Each of the undersigned witnessed the signature of Eric Bell to this document 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.
- Eric Bell is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on February 4, 2010, to execute this document.
- Eric Bell subscribed to this document. 3.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

PATENT

REEL: 028183 FRAME: 0835

Exhibit A Patent Rights

"Patent Rights" means:

1. the inventions listed in the table below, all inventions or other rights assigned to the IVA Affiliates that are not listed below, and all inventions claimed and/or described in the Applications (collectively, the "Inventions");

2. the patent applications listed in the table below (the "Applications");

Portion Redacted

Application Number	Filing Date	Country	Title/1 st Inventor

Portion Redacted

12/577,909	10/13/2009	US	Implant with Antenna Array
			Keith Goossen

Portion Redacted

Application Number	Filing Date	Country	Title/I st Inventor

Portion Redacted

- 3. all rights with respect to the Inventions, including all United States patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Applications ("Potential Patents");
- 4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;
- 5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
- 6. all rights to claim priority rights deriving from the Application;
- 7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the

foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

PATENT REEL: 028183 FRAME: 0845

RECORDED: 05/09/2012