PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Technology Currents LLC	10/21/2011

RECEIVING PARTY DATA

Name:	Empire Technology Development LLC
Street Address:	2711 Centerville Road
Internal Address:	Suite 400
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12405607

CORRESPONDENCE DATA

Fax Number: (404)815-1700 Phone: 4048151900

Email: docketing@hbhlawfirm.com

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

via US Mail.

Correspondent Name: Hope Baldauff Hartman

Address Line 1: 1720 Peachtree Street, NW

Address Line 2: Suite 1010

Address Line 4: Atlanta, GEORGIA 30309

ATTORNEY DOCKET NUMBER: | 60069.0009US01

NAME OF SUBMITTER:

| Steven Koon Hon Wong

Total Attachments: 7

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ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, TECHNOLOGY CURRENTS LLC ("Assignor"), effective as of October 2..., 2011, hereby sells, assigns, transfers, and conveys unto Empire Technology Development LLC, a Delaware limited liability company, with an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("Assignee"), all rights, title, and interests that exist today and may exist in the future in and to any and all of the following items (1) through (8) below:

- 1. the inventions disclosed in the solution report/invention disclosure with the titles indicated below and all inventions claimed and/or described in the Application (collectively, the "Invention");
- the patent applications listed in the table below (the "Application");

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	atent Application No.	Country	Filing Date	Patent Application Title	Invention Disclosure/Solution Report Title
	12/405,607	US	03/17/2009	ENERGY OPTIMIZATION THROUGH INTENTIONAL ERRORS	Error Detection, Diagnosis, and Compensation for Wireless Devices using Coordinated Program Executions on Multiple Platforms
2	010-024990	JP .	02/08/2010	ENERGY OPTIMIZATION THROUGH INTENTIONAL ERRORS	Error Detection, Diagnosis, and Compensation for Wireless Devices using Coordinated Program Executions on Multiple Platforms

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- 3. all rights with respect to the Invention, including all United States patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application ("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,

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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.

Assignor 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 Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all 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.

Assignor hereby authorizes and requests Assignee's authorized representative to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

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 Assignor, their successors, legal representatives and assigns.

[Signature Page(s) to Follow]

By: Print name: NOTARIZATION STATE OF Washington STATE OF Washington On Ottoberd, 2011, before me, Paula Hutchison Notary Public in and for said State, personally appeared Eric Bell person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official seal.	ASSIGNOR:					
Print name: NOTARIZATION STATE OF Washington SS. COUNTY OF King On Ottober 2, 2011, before me, Paula Harling Notary Public in and for said State, personally appeared Eric Bell person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature: Jalu Maddad (Seal) Notary Public	TECHNOLOGY CURRENTS LLC					
NOTARIZATION STATE OF Washington) ss. COUNTY OF King) ss. On Ottoberal, 2011, before me, Pulla Hukhison Notary Public in and for said State, personally appeared Eric Bell , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official seal.	By: 4 11 11/1/					
NOTARIZATION STATE OF Washington) ss. COUNTY OF King) ss. On Citcherd , 2011, before me, Paula Hukhuson Notary Public in and for said State, personally appeared Evic Bell , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official seal.	Print name: EVIC Bell					
On Cttober 2, 2011, before me, Paula Huchuson Notary Public in and for said State, personally appeared Eric Bell personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official scal.	Title: Authorized Person					
STATE OF Washington ss. COUNTY OF King ss. On Citoberd, 2011, before me, Paula Huchwon Notary Public in and for said State, personally appeared Eric Bell personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official seal.						
On Others, 2011, before me, Paula Huchuson Notary Public in and for said State, personally appeared Eric Bell, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official seal, Signature: Mala Mala Mala (Seal) Notary Public	NOTARIZATION					
On Ottober 1, 2011, before me, Paula Huchuson Notary Public in and for said State, personally appeared Evic Bell , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Washington that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature: Mala Mala Mala (Seal) Notary Public	STATE OF Washington					
in and for said State, personally appeared	county of King) ss.					
the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature: Metany Public	in and for said State, personally appeared Eric Bell , personally known to me					
capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Continuous that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature: All Motory Public						
I certify under PENALTY OF PERJURY under the laws of the State of Wichington that the foregoing paragraph is true and correct. WITNESS my hand and official seal, Signature: With Additional Signature: With Motory Public						
WITNESS my hand and official seal. Signature: Motory Public	- · · · · · · · · · · · · · · · · · · ·					
Signature: Jack Staller (Seal) Notary Public	\ \					
	WITNESS my hand and official seal,					
	Signature: All Malans Minito					
Print Name: / faula/ Hutt MISON	State of Washington					