

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gokhan Memik</td> <td>09/25/2010</td> </tr> <tr> <td>Seda Memik</td> <td>09/25/2010</td> </tr> <tr> <td>Bill Mangione-Smith</td> <td>08/27/2010</td> </tr> </tbody> </table>		Name	Execution Date	Gokhan Memik	09/25/2010	Seda Memik	09/25/2010	Bill Mangione-Smith	08/27/2010				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Empire Technology Development LLC</td> </tr> <tr> <td>Street Address:</td> <td>2711 Centerville Road</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 400</td> </tr> <tr> <td>City:</td> <td>Wilmington</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19808</td> </tr> </table>		Name:	Empire Technology Development LLC	Street Address:	2711 Centerville Road	Internal Address:	Suite 400	City:	Wilmington	State/Country:	DELAWARE	Postal Code:	19808
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (404)815-1700</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 404.815.1900</p> <p>Email: docketing@hbhlawfirm.com</p> <p>Correspondent Name: Hope Baldauff Hartman, LLC</p> <p>Address Line 1: 1720 Peachtree Street, N.W.</p> <p>Address Line 2: Suite 1010</p> <p>Address Line 4: Atlanta, GEORGIA 30309</p>													
ATTORNEY DOCKET NUMBER:	60069.0034US01												
NAME OF SUBMITTER:	"Steven" Koon Hon Wong												
Total Attachments: 5													

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**PATENT**  
**REEL: 025069 FRAME: 0557**

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### ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Gokhan Memik, of 2727 Hurd Avenue, Evanston, IL 60201, Seda Memik of 2727 Hurd Avenue, Evanston, IL 60201; and Bill Mangione-Smith of 4146 118<sup>th</sup> Avenue, NE, Kirkland, WA 98033 collectively ("**Assignors**"), effective as of October 2, 2008 hereby sell, assign, transfer, and convey unto

(A) Empire Technology Development LLC, a Delaware limited liability company, with an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("**U.S. Assignee**"), all United States 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 titled "***Operating System Scheduling of Threads by Parallelism-Aware Batch Scheduling***" and all inventions claimed and/or described in the Application (collectively, the "**Invention**");
2. the patent applications listed in the table below (the "**Application**");

<u>Patent Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title</u>
12/508,457	US	7/23/2009	Scheduling of Threads by Batch Scheduling

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, 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

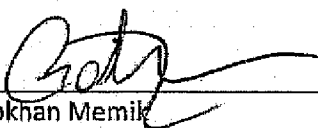
8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

As used in this Assignment, "Assignee" means, collectively, the U.S. Assignee and the Non-U.S. Assignee. 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 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.

By:

  
Gokhan Memik  
2727 Hurd Avenue  
Evanston, IL 60201, US

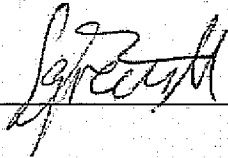
ATTESTATION 1

The undersigned witnessed the signature of Gokhan Memik 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. Gokhan Memik is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 3/25, 2010, to execute this document.
3. Gokhan Memik 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.

By:



Print Name:

SEDA MEMIK

By: \_\_\_\_\_

Seda Memik  
2727 Hurd Avenue  
Evanston, IL 60201, US

ATTESTATION 2

The undersigned witnessed the signature of Seda Memik 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. Seda Memik is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 9/25, 2016 to execute this document.
3. Seda Memik 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.

By: \_\_\_\_\_

Print Name: GOKHAN MEMIK

By:

  
Bill Mangione-Smith  
4146 118<sup>th</sup> Avenue, NE,  
Kirkland, WA 98033

**NOTARIZATION**

STATE OF Washington )  
COUNTY OF King ) ss.

On August 27, 2010, before me, Paula Hutchison Notary Public, personally appeared Bill Mangione-Smith, who 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 executed the same in his authorized capacity, and that by his signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) 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

