

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3902924

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	2

CONVEYING PARTY DATA

Name	Execution Date
ADVANCED MEMORY SYSTEMS INC.	02/25/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15101935

CORRESPONDENCE DATA**Fax Number:** (855)616-1111*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.***Phone:** 352-505-9200**Email:** docketing@turkiplaw.com**Correspondent Name:** TURK IP LAW, LLC**Address Line 1:** 3022 S. MORGAN POINT ROAD**Address Line 2:** NO. 255**Address Line 4:** MOUNT PLEASANT, SOUTH CAROLINA 29466

ATTORNEY DOCKET NUMBER:	2817.0367USWO
NAME OF SUBMITTER:	CARL K TURK
SIGNATURE:	/Carl K Turk/
DATE SIGNED:	06/06/2016

Total Attachments: 3

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ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Advanced Memory Systems INC., 106 Sciberras Road, Markham, Ontario L3R 2J6 CANADA ("Assignor"),

effective as of August 13, 2013 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 titled Bandwidth Amplification Method Using Pre-Clocking to Interleave Delay of Latching Data with Data Serialization Time Through Multiplexer and all inventions claimed and/or described in the Application (collectively, the "**Invention**");

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

Patent Application No.	Country	Filing Date	Title
PCT/US14/31425	WO	03-21-2014	BANDWIDTH AMPLIFICATION USING PRE-CLOCKING
15/101,935	US	06/06/2016	BANDWIDTH AMPLIFICATION USING PRE-CLOCKING

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.

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: Nagi Mekhriel
Print name: Nagi MEKHIEL
Title: Director
Organization: Advanced Memory Systems INC.

STATEMENT BY WITNESS

I, MARY MACK, whose full post office address
is 245 CHURCH ST ROOM 5478 hereby declare that I
was personally present and did see the above named person(s), personally known to me to be the
person(s) named in the assignment, duly sign and execute the same.

Mary Mack
Signature of Witness

Feb. 25/14
Date