504504825 08/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4551529

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
AHMAD HASSAN			08/15/2017			
RECEIVING PARTY DA	ΑΤΑ					
Name:	HYBRI	SAG				
Street Address:	BAHNH	IOFPLATZ				
City:	ZUG					
State/Country:	SWITZ	SWITZERLAND				
Postal Code:	6300					
PROPERTY NUMBERS Property Type	6 Total: 1	Number				
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Property Type Application Number: CORRESPONDENCE D Fax Number:	ΟΑΤΑ	Number 15677654 (877)769-7945				
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ASSIGNMENT

For valuable consideration, I, <u>Ahmad Hassan</u>, hereby assign to Hybris AG, a corporation of Switzerland, having a place of business at Bahnholplatz, 6300 Zug, Switzerland, and its successors, and assigns (collectively, "the ASSIGNEE") my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled

OPTIMIZING DRAM MEMORY BASED ON READ-TO-WRITE RATIO OF MEMORY ACCESS LATENCY,

which is found in the

U.S. patent application filed onAugust 15, 2017	
[X] under Application No. <u>15/677,654</u>	00.0000 mm000 m000 kindl.00000 m0000.000*****

I authorize and request the attorneys of record or the attorney filling the application to insert into this assignment the filling date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, as well as continuations and divisionals of said application, all legal equivalents in any country, and all patents issuing from such legal equivalents, all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the international Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment

I hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

I further agree for myself and my heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to me and to testify as to the same in any interference, litigation, or proceeding relating thereto, and I agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Invenior's Signa	iture	the second s	
	A	hmad Hissan	
Witnessed by:	Signature	1 · Darmon	
	Print Name	PAUL DONALDSIN	

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