

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7016976

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRET LESLIE TOLL	10/27/2021
NAGI ABOULENEIN	11/09/2021
RECEIVING PARTY DATA	
Name:	AMPERE COMPUTING LLC
Street Address:	4655 GREAT AMERICA PARKWAY
Internal Address:	SUITE 601
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17393715
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	nperry@wt-ip.com
Correspondent Name:	WITHROW & TERRANOVA, PLLC
Address Line 1:	106 PINEDALE SPRINGS WAY
Address Line 4:	CARY, NORTH CAROLINA 27511
ATTORNEY DOCKET NUMBER:	200002/2233-106
NAME OF SUBMITTER:	NICOLLE S. PERRY
SIGNATURE:	/Nicolle S. Perry/
DATE SIGNED:	11/10/2021
Total Attachments: 8	
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PATENT

REEL: 058071 FRAME: 0337

ASSIGNMENT

This Assignment made by us, **Benjamin Crawford Chaffin**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, **Bret Leslie Toll**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, **Jonathan Christopher Perry**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, and **Nagi Aboulenein**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, hereinafter referred to as assignors;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHOD, APPARATUS, AND SYSTEM FOR RUN-TIME CHECKING OF MEMORY TAGS IN A PROCESSOR-BASED SYSTEM**, for which we have applied for Letters Patent of the United States on _____, Application Serial Number _____, together with Provisional Application Serial Number 63/060,906 filed on August 4, 2020 and Provisional Application Serial Number 63/060,898 filed on August 4, 2020 (and do hereby authorize assignee and its representative to hereafter add herein such application number(s) and/or filing date(s) when known);

WHEREAS, **Ampere Computing LLC**, a corporation duly organized and existing under the laws of the State of Delaware and having a principal place of business at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as

described in the specification executed by us concurrently herewith, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and

drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to our said assignee, its successors or assigns, but at its or their expense;

We hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument;

For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and we hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to our said assignee, its successor, assignee or nominee, but at its or their expense;

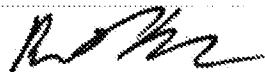
IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date

10/27/2021

Date

Benjamin Crawford Chaffin



Bret Leslie Toll

Date

Jonathan Christopher Perry

Date

Nagi Aboulenein

ASSIGNMENT

This Assignment made by us, **Benjamin Crawford Chaffin**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, **Bret Leslie Toll**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, **Jonathan Christopher Perry**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, and **Nagi Aboulenein**, a citizen of the United States of America, having a mailing address located at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, hereinafter referred to as assignors;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHOD, APPARATUS, AND SYSTEM FOR RUN-TIME CHECKING OF MEMORY TAGS IN A PROCESSOR-BASED SYSTEM**, for which we have applied for Letters Patent of the United States on 8/4/2021, Application Serial Number 17/393,715, together with Provisional Application Serial Number 63/060,906 filed on August 4, 2020 and Provisional Application Serial Number 63/060,898 filed on August 4, 2020 (and do hereby authorize assignee and its representative to hereafter add herein such application number(s) and/or filing date(s) when known);

WHEREAS, **Ampere Computing LLC**, a corporation duly organized and existing under the laws of the State of Delaware and having a principal place of business at **4655 Great America Parkway, Suite 601, Santa Clara, California 95054**, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as

described in the specification executed by us concurrently herewith, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and

drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to our said assignee, its successors or assigns, but at its or their expense;

We hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument;

For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and we hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to our said assignee, its successor, assignee or nominee, but at its or their expense;

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

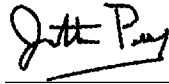
Date

Benjamin Crawford Chaffin

Date

Bret Leslie Toll

8/3/21



Date

Jonathan Christopher Perry

11/9/2021

Date


Nagi Aboulenein