505167365 10/30/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5214133

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA					
CONVETING PART DA		Name		Execution Date	
AB INITIO ORIGINAL WORKS LLC				10/25/2018	
				10/23/2010	
RECEIVING PARTY DA	ТА				
Name:	AB INITIO TECHNOLOGY LLC				
Street Address:	201 SPRING STREET				
City:	LEXINGTON				
State/Country:	MASSACHUSETTS				
Postal Code:	02421				
Property Type			Number		
PROPERTY NUMBERS	Total: 1				
-торену туре		Number			
Application Number:	1	Number 16175487			
Application Number:					
Application Number: CORRESPONDENCE D		16175487			
Application Number: CORRESPONDENCE D Fax Number:	ATA (617)500-2499		seful it will be cent	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (e sent to	16175487			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (e sent to provided;	16175487 617)500-2499 the e-mail address first; if th a			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p	ATA (e sent to provided;	16175487 617)500-2499 the e-mail address first; if tha ; if that is unsuccessful, it wil			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA (e sent to provided; (16175487 (617)500-2499 <i>the e-mail address first; if tha</i> <i>; if that is unsuccessful, it wil</i> 617-500-2500 NFO@ORPATENT.COM OCCHIUTI & ROHLICEK LLP			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA (e sent to provided; ((3	16175487 (617)500-2499 the e-mail address first; if tha ; if that is unsuccessful, it will 617-500-2500 NFO@ORPATENT.COM DCCHIUTI & ROHLICEK LLP 821 SUMMER STREET	l be sent via l		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA (e sent to provided; ((3	16175487 (617)500-2499 <i>the e-mail address first; if tha</i> <i>; if that is unsuccessful, it wil</i> 617-500-2500 NFO@ORPATENT.COM OCCHIUTI & ROHLICEK LLP	l be sent via l		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA (e sent to provided, 6 1 0 3 5 6	16175487 (617)500-2499 the e-mail address first; if tha ; if that is unsuccessful, it will 617-500-2500 NFO@ORPATENT.COM DCCHIUTI & ROHLICEK LLP 821 SUMMER STREET	l be sent via l		
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA (e sent to provided, 6 1 0 3 5 6	16175487 (617)500-2499 <i>the e-mail address first; if tha</i> <i>; if that is unsuccessful, it wil</i> 617-500-2500 NFO@ORPATENT.COM DCCHIUTI & ROHLICEK LLP 321 SUMMER STREET 3OSTON, MASSACHUSETTS	l be sent via l		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA (e sent to provided, 6 1 0 3 5 6	16175487 (617)500-2499 <i>the e-mail address first; if tha</i> <i>; if that is unsuccessful, it wil</i> 617-500-2500 NFO@ORPATENT.COM DCCHIUTI & ROHLICEK LLP 321 SUMMER STREET BOSTON, MASSACHUSETTS (30040-A92001	l be sent via l		
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	ATA (e sent to provided, 6 1 0 3 5 6	16175487 (617)500-2499 the e-mail address first; if tha ; if that is unsuccessful, it will 617-500-2500 NFO@ORPATENT.COM DCCHIUTI & ROHLICEK LLP 321 SUMMER STREET 30STON, MASSACHUSETTS 30040-A92001 CASSIE A. ZALESKI	l be sent via l		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE:	ATA (e sent to provided, 6 1 0 3 5 6	16175487 (617)500-2499 the e-mail address first; if tha ; if that is unsuccessful, it will 617-500-2500 NFO@ORPATENT.COM DCCHIUTI & ROHLICEK LLP 321 SUMMER STREET 30STON, MASSACHUSETTS 30040-A92001 CASSIE A. ZALESKI /Cassie A. Zaleski/	l be sent via l		

ASSIGNMENT

Assigned inventions & patent application(s): MANAGING A COMPUTING CLUSTER USING REPLICATED TASK RESULTS [U.S. Serial Number 16/175,487 , filed 10/30/2018

- Assignor: Ab Initio Original Works LLC, a Delaware limited liability company, having a place of business at 201 Spring Street, Lexington, MA 02421, and its successors and assigns.
- Assignee: Ab Initio Technology LLC, a Delaware limited liability company, having a place of business at 201 Spring Street, Lexington, MA 02421, and its successors and assigns.

For valuable consideration Assignor hereby assigns to Assignee the entire right, title and interest throughout the world in the inventions and improvements which are subject of the above-identified application(s) for United States Patent (the "Patent Rights").

This Assignment includes the Patent Rights, any and all United States and foreign patents, utility models, design registrations, inventors' certificates, and similar rights granted for any inventions or improvements in or derived from the Patent Rights, and the right to claim priority based on the filing date or dates of the Patent Rights 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. Assignor authorizes Assignee to apply in all countries in Assignor's name or in Assignee's own name for patents, utility models, design registrations, inventors' certificates, and similar rights for such inventions and improvements.

If the respective U.S. serial number(s) and filing date(s) are not set forth above, Assignor authorizes and requests the attorneys appointed in the Application to complete this Assignment by inserting above such serial number(s) and filing date(s) when known.

Assignor agrees, without further compensation, to perform such lawful acts and to sign such further applications, assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

Mayondre Widgle

State of Massachusetts

County of Middlesex

25, 20.18, before me, the undersigned, a notary public for the State of Massachusetts, On (there personally appeared Alexandria Wudyka personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the entity upon behalf of which she acted, executed this Assignment.

) SS.

WITNESS my hand and official seal.



648203

RECORDED: 10/30/2018