

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6582037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL LINDSEY BORRILL	02/16/2021
RECEIVING PARTY DATA	
Name:	ERIC LITAK
Street Address:	3225 ALPINE CREEK RD
City:	RENO
State/Country:	NEVADA
Postal Code:	89519
PROPERTY NUMBERS Total: 19	
Property Type	Number
Application Number:	62773558
Application Number:	16162632
Application Number:	62488025
Application Number:	16694054
Application Number:	15687529
Application Number:	15959161
Application Number:	62573196
Application Number:	16414781
Patent Number:	9774401
PCT Number:	US1828709
Application Number:	61846602
Application Number:	61893285
Application Number:	61913302
Application Number:	14564015
Application Number:	14520331
Application Number:	62474772
Application Number:	60762286
Application Number:	12162121
Application Number:	11331444

CORRESPONDENCE DATA**Fax Number:** (925)329-4825

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.

Email: bhasinpatents@gmail.com**Correspondent Name:** LAW OFFICE OF PUNITA BHASIN**Address Line 1:** 3501 LONE TREE WAY, SUITE 4**Address Line 2:** SUITE 4**Address Line 4:** ANTIOCH, CALIFORNIA 94509

NAME OF SUBMITTER:	PUNITA BHASIN
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SIGNATURE:	/punitabhasin/
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DATE SIGNED:	03/03/2021
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Total Attachments: 20

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BILL OF SALE

Seller: Fred Hjelmeset, solely in his capacity as the Chapter 7 Trustee ("Seller") of the estate of Paul Lindsey Borrill, Case No. 20-50095 MEH ("Estate"), pending in the United States Bankruptcy Court for the Northern District of California, San Jose Division (the "Bankruptcy Court")

Purchaser: Eric Litak ("Purchaser")

Pursuant to the Bankruptcy Court's "Amended Order Authorizing Sale of Assets to Eric Litak" dated February 10, 2021 [Docket 219] (the "Order"), Seller hereby sells, transfers, conveys and assigns to Purchaser all of the Debtor's right, title and interest, if any, in and to the Estate's IP, which is listed in the Exhibit A attached to the Order, and has agreed to execute and deliver an Assignment of Intellectual Property Rights (Exhibit 1) so that the Purchaser may, in his discretion, record the Assignment of Intellectual Property Rights with the United States Patent and Trademark Office. Capitalized terms used herein without definition shall have the meanings ascribed to them in the sale agreement between Seller and Purchaser, as amended and approved by the Order.

The sale and transfer of the foregoing assets is on an "as is, where is" basis with all faults and defects, without any representations or warranties, and subject to all liens, claims and interests.

Purchaser accepts the assets on an "as is, where is" basis with all faults and defects without any representations or warranties, and subject to all liens, claims and interests.

This Bill of Sale is governed by the laws of the State of California and both Seller and Purchaser hereby consent to the jurisdiction of Bankruptcy Court to resolve any dispute with respect to this Bill of Sale.

IN WITNESS WHEREFORE, the undersigned trustee has executed this Bill of Sale as of February 14, 2021.

Fred Hjelmeset, solely in his capacity as the
Trustee of the Chapter 7 case of Paul Lindsey Borrill

By: 

Name: Fred Hjelmeset

Title: Chapter 7 Trustee

Accepted as per the above.


Eric Litak

2/16/2021

Exhibit 1

Assignment of Intellectual Property Rights

This Assignment of Intellectual Property Rights Assignment ("IP Assignment"), dated February 16, 2021, is executed, acknowledged, and delivered by Fred Hjelmset, solely in his capacity as the Chapter 7 Trustee, acting on behalf of the estate of Paul Lindsey Borrill ("Debtor"), Case No. 20-50095 MEH ("Estate"), pending in the United States Bankruptcy Court for the Northern District of California, San Jose Division (the "Bankruptcy Court"), and whose office is located at P.O. Box 4188, Mountain View, CA 94040 ("Assignor") pursuant to the Agreement to Purchase Assets dated October 29, 2020 (the "Asset Purchase Agreement") between Assignor, as seller, and Eric Litak ("Assignee"), as buyer.

WHEREAS, under the terms of the Asset Purchase Agreement, Assignor has conveyed, transferred, and assigned to Assignee, the right, title and interest, if any, to the Estate's intellectual property listed in the Exhibit A attached to the "Amended Order Authorizing Sale of Assets to Eric Litak" [Docket 219] (the "Order"), filed with the Bankruptcy Court on February 10, 2021, and has agreed to execute and deliver this IP Assignment to the Assignee.

"Patents" means patents and/or patent application including any United States, foreign or international patents and patent applications listed in Exhibit A and any utility, divisional, continuation, continuation-in-part, substitute, renewal or reissue or other patent applications which have been or shall be filed with the United States Patent and Trademark Office and all foreign countries claiming priority to the patents or patent applications listed in Exhibit A.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and does hereby sell, assign and transfer to Assignee all right, title and interest in and to:

- (i) the Patents, including any and all inventions, invention disclosures and discoveries disclosed or claimed therein and claiming priority from Patents as further identified in Exhibit A, attached hereto, the same right, title, and interest to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives;
- (ii) invention disclosures as identified in the Exhibit A attached hereto, the same right, title, and interest to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives; and
- (iii) all past, present and future causes of action and enforcement rights, whether currently pending, filed or otherwise, in connection with the Patents, the patents and patent applications claiming priority from the Patents and any of the inventions or discoveries described or claimed therein, including without limitation, all rights to sue for any past, present or future infringement of the Patents, including the rights to license and to collect and receive any damages, royalties, injunctive relief, and/or any other settlements or remedies for such infringements, the same to be held and


enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms thereof as fully and entirely as the same would have been held and enjoyed by Assignor, if this Assignment and sale had not been made.

This IP Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

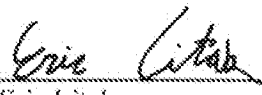
This Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of California, without giving effect to the conflict of laws ruled thereof.

IN WITNESS WHEREOF, ASSIGNOR, AS SELLER HAS DULY EXECUTED AND DELIVERED THIS IP ASSIGNMENT AS OF THE DATE FIRST ABOVE WRITTEN.

Fred Hjelmset, solely in his capacity as the
Trustee of the Chapter 7 case of Paul Lindsey Borrill

By: 
Name: Fred Hjelmset
Title: Chapter 7 Trustee

Accepted as per the above.

 2/16/2021
Eric Litak

Intellectual Property Inventory for Paul Borrill

(Inventions, disclosures of Paul Borrill /Earth Computing Inc.)

Formal Patent Documentation:

Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Patent Application Filed / Pending	11/30/2018	A GENERALIZED REVERSIBILITY FRAMEWORK FOR COMMON KNOWLEDGE IN SCALE-OUT DATABASE SYSTEMS	Application 62/773,558	LODC Docket No. BOR-008P	Paul Borrill	Document in the house.
Patent Application Filed / Pending	10/17/2018	CLASSICAL IMPLEMENTATION OF QUANTUM ENTANGLEMENT IN DATACENTER NETWORK DESIGN	Application: 16/162,632 Associated Provisional:62/573,196	[BOR-007P] LODC Docket No. BOR-007	Paul Borrill	Document in the house.
Patent Application Filed / Pending	Filed: 4/18/2018	PACKET FORWARDING MECHANISM FOR DISTRIBUTED COMPUTER SYSTEMS	Application:15/956,793 Associated Provisional: 62/486,948	[BOR-006P] LODC Docket No: BOR-006	Ateushi Kasura	Document in the house.
Application Published	Published: 10/18/2018		Publishing # 2018/0302324			
Patent Application Filed / Pending	4/20/2018	CLASSICAL IMPLEMENTATION OF ENTANGLEMENT	Provisional: 62/488,025 U.S. Application No.: PCT/US2018/28709	[BOR-005P]	Paul Borrill	Document in the house.

Attachment to Schedule AB (Item 26)

Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Issued Patent US 09/774,401 B1	9/26/2017	ENTANGLED LINKS, TRANSACTIONS AND TREES FOR DISTRIBUTED COMPUTING SYSTEMS	US 09/774,401 B1 Application 14/331,225 Associated Provisionals: 61/846,602 61/893,285 61/913,302	[BOR-001] [BOR-001P2] [BOR-001C] Atty. Docket No 10205-04427	Paul Borill	Document in the house.
Provisional Incorporated into Issued Patent 09/774,401	7/15/2013	EARTH Computing	Provisional Application 61/846,602	Prov-0001-2013 Atty. Docket No. 8450067-00012	Paul Borill	Document in the house.
Provisional Incorporated into Issued Patent 09/774,401	10/21/2013	A Framework for Earth Computing	Provisional Application 61/893,285	Prov-0002-2013 Atty. Docket No. Borill- Prov-0002-2013	Paul Borill	Document in the house.
Provisional Incorporated into Issued Patent 09/774,401	12/08/2013	Earth Computing, Various Embodiments and Methods.	Provisional Application 61/913,302	Prov-0003-2013	Paul Borill	Document in the house.
Abandoned, but incorporated into Issued Patent 09/774,401	12/08/2014	EARTH COMPUTING, EMBODIMENTS & METHODS	Application 14/564,015 Associated Provisional 61/913,302	[BOR-003] [BOR-003P2] Atty. Docket No 12100P003	Paul Borill	Document in the house.

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Borill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Attachment to Schedule AB (Item 26)

USBC 20-50095

Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Patent Abandoned. Needs to be resurrected	10/21/2014	A SCALE- INDEPENDENT, DISTRIBUTED, COHERENT DATA MECHANISM	Application 14/520,331 Associated Provisional 62/474,772 ?	[BOR-002] [BOR-002P2] Atty. Docket No. 12100P002	Paul Borill	Document in the house.
Issued Patent US 09/259,620 B2	9/4/2012	SELF-HEALING COMMUNICATION TREES.	US 20100166886 A1 US 09/259,620 B2 Application: 12/651,027 Associated Provisional: 61/442,147	THIS PATENT IS BEING ASSIGNED TO EARTH COMPUTING IN RETURN FOR SHARES.	Paul Borill	Document in the house.
PDF						
Patent Abandoned. Needs to be resurrected	1/25/2006	Attack and Disaster Resilient Cellular Storage Systems and Methods.	US2009037451A1 International Patent WO #2007/120953 A2 Associated Provisional: 60/762,286		REPLICUS Software Corporatio n. (Paul Borill)	Document in the house.
US2009037451A 1						
Provisional Abandoned. Cancelled follow up with Fish & Richardson.	1/11/2006	Persistent Dynamic Repository	11/331,444	20327-0010001 Atty. Docket No. REPLP001	Paul Borill	Document in the house.

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Borill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Disclosure		ATOMIC LINK OPERATION MECHANISM FOR EARTH COMPUTING PATENT		[BOR-004P]	Ateushi Kasuya	Document in the house.
Disclosure		Entangled Links. Software Device Driver / ISR Implementation	ENTL		Paul Borill	Document in the house.
Disclosure		Entangled Transactions EQ/CQ Implementation.	ENTT		Paul Borill	Document in the house.
Disclosure		Iceberg Model Security Infrastructure	ICEB		Paul Borill	Document in the house.
Disclosure		MetaData Tensor & Mechanism. Reversible Commutative Data Structures.	MDTM		Paul Borill	Document in the house.
Disclosure		Security Tensor for Distributed Trust	STEN		Paul Borill	Document in the house.
Disclosure		Secure Multi-Party Transactions	SMPT		Paul Borill	Document in the house.
Disclosure		Conserved Quantities in Distributed Systems	COODS		Paul Borill	Document in the house.
Disclosure		Distributed IP address Source Triangulation	DAST		Paul Borill	Document in the house.

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PATENT

REEL: 055482 FRAME: 0649

EXHIBIT A

Borrill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Attachment to Schedule AB (Item 26)

USBC 20-50095

Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Disclosure		Silent Data Corruption Protection	SDCP		Paul Borrill	Document in the house.
Disclosure		Many Core Security Hierarchy	MCSH		Paul Borrill	Document in the house.
Disclosure		Distributed Contagious Adaptive Authentication	DCAA		Paul Borrill	To be filed as patent.
Disclosure		Language Elements for Distributed Systems	LEDS		Paul Borrill	Document in the house.
Disclosure		Bayesen N-Modular Redundancy on Complex Networks	BNCS		Paul Borrill	Document in the house.
Disclosure		Self-Healing Communication Trees (DTA)	SHCT		Paul Borrill	Document in the house.
Disclosure		Distributed Dynamic Countable Credentials	DDCC		Paul Borrill	Document in the house.
Disclosure		Hyper-Evolvable Cyber Defense Infrastructure	HEDI		Paul Borrill	Document in the house.
Disclosure		Persistent Dynamic Repository	PDRE		Paul Borrill	Document in the house.
Disclosure		Attack and Disaster Resilient Cellular Storage Systems	ADRC		Paul Borrill	Document in the house.

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EXHIBIT A

Borjil (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Attachment to Schedule AB (Item 26)

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Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Disclosure		Cloudplane Declarative Language System	CDLS		Paul Borjil	Document in the house.
Disclosure		Integration Agent Validation Methodology	I/VM		Paul Borjil	Document in the house.
Disclosure		Contiguous Adaptive Authentication Security	CAAS		Paul Borjil	Document in the house.
Disclosure		Dynamic Locality Secure Protocol (disp)	DLSP		Paul Borjil	Document in the house.
Disclosure		Dynamic Countable Credentials Authentication	DCCA		Paul Borjil	Document in the house.
Disclosure		Structural Temporal Integrity & Security	STIS		Paul Borjil	Document in the house.
Disclosure		Supervisory Control from Heterarchical Vantage Point	Various		Paul Borjil	Document in the house.
Disclosure		Group Privacy Assurance through constrained trees	Various		Paul Borjil	Document in the house.
Disclosure		Transaction Persistence using AIT and Dynamic Ram Self- Refresh.	Various		Paul Borjil	Document in the house.
Disclosure		Cyber-Defense 1. Hypercontainers.	Various		Paul Borjil	Document in the house.

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Borrell (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

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Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Disclosure		Cyber-Offense 2. Coordination of IP countermeasures.	Various		Paul Borrell	Document in the house.
Technical Document			FAQ		Paul Borrell	Document in the house.
Technical Document			CAO		Paul Borrell	Document in the house.
Technical Document			CDL		Paul Borrell	Document in the house.
Technical Document			CDR		Paul Borrell	Document in the house.
Technical Document			DDT		Paul Borrell	Document in the house.
Technical Document			CEL		Paul Borrell	Document in the house.
Technical Document			CFP		Paul Borrell	Document in the house.
Technical Document			CLI		Paul Borrell	Document in the house.
Technical Document			CRM		Paul Borrell	Document in the house.

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Borill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Technical Document			CRT		Paul Borill	Document in the house.
Technical Document			CMF		Paul Borill	Document in the house.
Technical Document			CMT		Paul Borill	Document in the house.
Technical Document			CPO		Paul Borill	Document in the house.
Technical Document			CSF		Paul Borill	Document in the house.
Technical Document			CSI		Paul Borill	Document in the house.
Technical Document			CSR		Paul Borill	Document in the house.
Technical Document			CTO		Paul Borill	Document in the house.
Technical Document			CBO		Paul Borill	Document in the house.

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PATENT

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EXHIBIT A

Attachment to Schedule AB (Item 26)

Asset Type/ Status	Date	Title	Reference #	Docket #	Inventor	Physical Location
Technical Document			CDD		Paul Borill	Document in the house.
Technical Proposal			DARPA-Time		Paul Borill	Document in the house.
Scientific Paper			TimeZero		Paul Borill	Document in the house.
Scientific Paper			TimeOne		Paul Borill	Document in the house.
Engineering Paper			TimeTwo		Paul Borill	Document in the house.
Technical Report					Paul Borill	Document in the house.
Technical Proposal					Paul Borill	Document in the house.
Technical Proposal					Paul Borill	Document in the house.
Technical Proposal					REPLICUS Research	Document in the house.

USBC 20-50095

Engineering Documentation (Notes, code segments & Drawings) available on the following:

Asset Type	Reference	Title	Description	Inventor(s)	Comments
Disclosure	December-2013 - March 2014	Cryptographic Timing Methods for detecting Man-in-The-Middle Attacks.	Written notes. For provisional 4 (not yet filed)		Document in the house.
Disclosure	December-2013 - March 2014	On-the wire 2 x 2 matrix data structures for emulating entanglement with ENTL.	Written notes, equations, Mathematica notebooks, Numbers documents, Omnigraffe diagrams.		Document in the house.
Disclosure	June 2012	Methods for Tensor Network Operations for CO/EQ arithmetic verification after perturbations	Written notes, equations, Numbers documents, Omnigraffe diagrams.		Document in the house.
Disclosure	October 2012	Methods for Tensor Network hiding of privacy information while still being able to aggregate quantities and detect anomalous events.	Written notes.		Document in the house.
Disclosure	Various (2007-2013)	Method of co-opting search engines like Google to perform indexing operations for distributed key-value data stores.	Written notes.		Document in the house.
Disclosure	Various (2007-2013)	Cryptographic method to prevent search engines like Google discovering hidden key-value data store indexing data structures.	Written notes.		Document in the house.
Disclosure	2012	Untangling Data Structures. Distributed recursive stack for Metadata tensor (MDT)	Documents, diagrams, written notes.		Document in the house.

Borill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Attachment to Schedule AB (Item 26)

Asset Type	Reference	Title	Description	Inventor(s)	Comments
Disclosure	2010	Priority Queue Engine (PQE)	Documents, diagrams, written notes.		Document in the house.
Disclosure	Various (2007-2013)	Combining redundancy resilience with geographic distribution and serendipitous replicas.	Documents, diagrams, written notes.		Document in the house.
Disclosure	Various (2007-2013)	Method of independently managing identity and individuality in privacy based Metadata Tensor data structures	Documents, diagrams, written notes.		Document in the house.
Disclosure	Various (2006-2013)	Hyper-evolvability. Method of utilizing STIS (temporal intimacy) to rapidly evolve security countermeasures/	Written notes.		Document in the house.
Disclosure	Various (2006-2013)	Windtunnel: Agent Modeling and Infrastructure. Bistimulation of real and simulated implementations sharing the same equipment.	Written notes.		Document in the house.
Disclosure	Various (2005-2013)	Memory protection from stack overflows. Fill memory with jump to Trap, with special significance. In between code above/below stack/heap.	Written notes.		Document in the house.
Disclosure	Various (2009-2010)	RAID Replacement: Ingest/Evaporate system on independent failure domains.	Written notes.		Document in the house.

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Borill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Asset Type	Reference	Title	Description	Inventor(s)	Comments
Disclosure	2011	Email (or other forwarding) - re-encrypting to allow copying but no reading until registered.	Written notes.		Document in the house.
Disclosure	2011	Method to disable individual attackers in botnet.	Written notes.		Document in the house.
Disclosure	March 2011	Mobile cryptographic documents. Rotating and incrementing keys relative to root.	Written notes.		Document in the house.
Disclosure	2012	Buffered Entangled State with snarfing.	Written notes.		Document in the house.
Disclosure	SEP 2010	Serendipitous replica management within the same storage device.	Written notes.		Document in the house.
Disclosure	Various (2009-2010)	Technique for utilizing out of order and in-order concurrency opportunities in long-haul networks using SCTP and other protocols.	Written notes.		Document in the house.
Disclosure	Various (2009-2010)	Serial Copy Management System using Dynamic Locality.	Written notes.		Document in the house.
Disclosure	2009	Graph Theoretic Publish & Subscribe mechanisms for secure tree operation and negotiation of temporal intimacy.	Written notes.		Document in the house.

Borill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Attachment to Schedule AB (Item 26)

Asset Type	Reference	Title	Description	Inventor(s)	Comments
Disclosure	2005	Unified Replica Management: Patent Graph Replica Management Facility.	Extensive typed notes (printed - locate original doc on backup).		Document in the house.
Disclosure	2010	Specialized repositories for legal escrows, immutable emails and priority dates for inventions	Written notes.		Document in the house.
Disclosure	2010	Pipelined core processing for network operations	Written notes.		Document in the house.
Disclosure	2004	Set based distributed replicas on a graph.	Written notes.		Document in the house.
Disclosure	July 2010	Business Object Tensor. The idea that you can anonymously thread through the MDT to accumulate totals, averages, etc. without violating privacy.	Written notes.		Document in the house.
Disclosure	July 2011	How to stop email spam.	Written notes.		Document in the house.
Disclosure	2005?	Self-organizing virus scanning.	Typed up disclosure.		Document in the house.
Disclosure	2006	Automatic Capacity Balancing. Ice-Cube Tray self-leveling system	Written notes.		Document in the house.
Disclosure	2012	Distributed Paxos election over multiple stacked trees	Written notes. Sufficient Disclosure prepared in slides.		Document in the house.
Disclosure	2012	FPGA implementation of Entangled Links using emulated quantum circuits.	Written notes.		Document in the house.

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Borill (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

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Attachment to Schedule AB (Item 26)

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Asset Type	Reference	Title	Description	Inventor(s)	Comments
Disclosure	2012	WORC (Wire-Oriented Resilient Consistency) Protocol	Written notes, Slides.		Document in the house.
Disclosure	2012	PLAY (Programmable Application Layer Yacking) Protocol	Written notes, Slides.		Document in the house.
Disclosure	2013	Switchless routing using Independent Ethernet Segments. Each Tree is a VLAN.	Written notes.		Document in the house.
Disclosure	2013	Metadata Tensor. A data structure fan method for synchronizing and serializing updates to replicated objects on distributed computers.	Extensive notes, technical documents and designs.		Document in the house.
Disclosure	2013	Reversible Time in IT Infrastructures using Reversible Links in Tensor Networks.	Written notes.		Document in the house.
Disclosure	2012	Dynamic Lattice where one node is the (default) foci, but it may pass control to other nodes within its tree.	Written notes, technical design documents.		Document in the house.
Disclosure	2013	Matrix with [a, b/b, a] representing -1 as mutual information	Written notes, technical design documents.		Document in the house.
Disclosure	2013	Surface/Core abstraction for Earth Computing. The Immutability Barrier for Robust IT Infrastructures.	Extensive notes, design documents and presentations.		Document in the house.

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Borrell (Replicus Software, REPLICUS Research, EARTH Computing Inc.)

Intellectual Assets 5.1 24-November 2020

Asset Type	Reference	Title	Description	Inventor(s)	Comments
Disclosure	2013	Cryptographic methods for Metadata Tensor privacy predicates.	Written notes.		Document in the house.

DISCLAIMER: This list (pages 1 through 15) of Item 26 to Schedule AB is provided in the interest of full disclosure. Debtor makes no representation regarding whether anything listed constitutes intellectual property pursuant to Bankruptcy Code 101(35A), or includes any other property right

EXHIBIT A

Patents/Patent Applications for Paul Borrill

In the interest of clarity, the Intellectual Property of Paul Borrill's includes the Estate's Interest, if any, in the following:

Asset Type/Status	Date	Title	Reference #	Inventor	Physical Location
Patent Application Filed/Pending	11/25/2019	A GENERALIZED REVERSIBILITY FRAMEWORK FOR COMMON KNOWLEDGE IN SCALE-OUT DATABASE SYSTEMS	U.S. Application 16/694,054 Associated Provisional 62/773,558	Paul Borrill	
Patent Application Filed/Pending	4/20/2018	CLASSICAL IMPLEMENTATION OF ENTANGLEMENT	U.S. Application No. 15/959,161 Associated Provisional 62/488,025	Paul Borrill	
Patent Application Filed/Pending	8/27/2017	ENTANGLED LINKS, TRANSACTIONS AND TREES FOR DISTRIBUTED COMPUTING SYSTEMS	U.S. Application 15/687,529 Associated Application 14/331,225	Paul Borrill	
Patent Application Filed/Pending	5/17/2019		U.S. Application 16/414,781 Associated Application 15/687,529	Paul Borrill	

Patent Application Filed/Pending	7/24/2008	ATTACK AND DISASTER RESILIENT CELLULAR STORAGE SYSTEMS AND METHODS	U.S. Application 12/162,121 International Patent PCT/US2007/061003 Provisional Application 60/762,286	Paul Borrill	Document in the house
	1/24/2007				
	1/25/2006				

PATENT
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