

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GARRETT THOMAS OETKEN	09/13/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUANTUM STAR TECHNOLOGIES LLC
<b>Street Address:</b>	4648 N. DRIVER LANE, APT. 109
<b>City:</b>	COEUR D'ALENE
<b>State/Country:</b>	IDAHO
<b>Postal Code:</b>	83815
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16569978
<b>Application Number:</b>	62731825
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)336-1454
<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>	
<b>Phone:</b>	5098500920
<b>Email:</b>	mail@changhale.com
<b>Correspondent Name:</b>	TYSON RYAN CRANE
<b>Address Line 1:</b>	4199 CAMPUS DR, SUITE 550
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92612
<b>ATTORNEY DOCKET NUMBER:</b>	QS-001US
<b>NAME OF SUBMITTER:</b>	TYSON R. CRANE
<b>SIGNATURE:</b>	/Tyson R. Crane/
<b>DATE SIGNED:</b>	09/13/2019
<b>Total Attachments: 1</b>	
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## ASSIGNMENT


Whereas, **I, Garrett Thomas OETKEN**, residing at Post Falls, ID, have invented certain new and useful improvements (hereafter "Improvements") for which I have executed applications for United States Patents, Application No. 16/569,978, entitled "**BIT-LEVEL DATA GENERATION AND ARTIFICIAL INTELLIGENCE TECHNIQUES AND ARCHITECTURES FOR DATA PROTECTION**" (Attorney Docket No. QS-001US) and Application No. 62/731,825, entitled "**PROCESS TO PARSE BINARY DATA AS N-DIMENSIONAL COORDINATE SETS FOR NEURAL NETWORK ANALYSIS AND TRAINING**" (hereafter "Applications"); and

Whereas, **Quantum Star Technologies LLC** (hereafter "Assignee"), an Idaho LLC, desires to acquire the entire right, title, and interest in and to the Improvements and the Applications.

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Applications and all provisionals, divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

The parties agree that this agreement may be electronically signed. The parties agree that any electronic signatures appearing on this agreement are the same as handwritten signatures for the purposes of validity, enforceability and admissibility.

  
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Garrett Thomas OETKEN

Date: 9-13-2019