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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		1	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		/	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		N	ame		Execution Date	
AVIRAL SHRIVASTAVA					05/22/2017	
MOSLEM DIDEHBAN					05/20/2017	
RECEIVING PARTY DA	ТА					
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PROPERTY NUMBERS	Total: 1			-		
Property Type			Number			
Application Number:		155979	926			
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ATTORNEY DOCKET NUMBER:	AZTE.P0131US/11703865			
NAME OF SUBMITTER:	MARK B. WILSON			
SIGNATURE:	/Mark B. Wilson/			
DATE SIGNED:	06/05/2017			
Total Attachments: 1				

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PATENT

FILE NO. AZTE.P0108US

ASSIGNMENT

WHEREAS, the undersigned (individually "ASSIGNOR" and collectively "ASSIGNORS"), are named inventors of the patent(s)/application(s) identified below (collectively "Patent(s)"),

AND WHEREAS ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, having a place of business at 1475 N Scottsdale Road, Skysong – Suite 200, Scottsdale, Arizona 85257 ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patent(s);

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each ASSIGNOR does hereby:

IRREVOCABLY SELLS, ASSIGNS, AND TRANSFERS to the ASSIGNEE ASSIGNOR's entire right, title, and interest throughout the world in U.S. Patent Application No. 15/597,926 filed May 17, 2017, titled **"METHODS, APPARATUSES, AND SYSTEMS FOR ZERO SILENT DATA CORRUPTION (ZDC) COMPILER TECHNIQUE,"** which claims the benefit of U.S. Provisional Application No. 62/339,389 filed May 20, 2016, including all information disclosed therein, such right, title, and interest including but not limited to the right to sue for injunctions and/or damages for any past, ongoing, and/or future infringement. For the avoidance of doubt, this sale, assignment, and transfer extends to all ASSIGNOR's right, title, and interest in all patents and applications (throughout the world) of any kind that claim priority to or otherwise issue from any of the Patent(s), including any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents and/or patent applications;

WARRANTS AND COVENANTS that ASSIGNOR has the authority to enter this ASSIGNMENT agreement, and that ASSIGNOR has done nothing and will not do anything to impair the rights conveyed to ASSIGNEE by this Agreement;

COVENANTS that, when requested and at the expense of the ASSIGNEE, ASSIGNOR will carry out in good faith the intent and purpose of this Agreement, including but not limited to executing any and all documents in connection with the Patent(s) and any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents, and/or patent applications claiming priority to, or based on any information disclosed in any of the Patent(s), including all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to all information disclosed in the Patent(s) and the history thereof; and generally do everything possible that the ASSIGNEE shall consider desirable for vesting title to the Patent(s) and such patents and/or patent applications in the ASSIGNEE, and for securing, maintaining, and enforcing patent protection for the Patent(s) and such patents and/or patent applications;

WAIVES any right it has to challenge the adequacy of the consideration; and

AGREES that this Agreement is binding on ASSIGNOR's heirs, assigns, representatives, and successors.

Avial,

ASSIGNORS

Name: Aviral SHRIVASTAVA

May 22, 2017 Date

M.Didehban

May, 20, 2017

Name: Moslem DIDEHBAN

28320573.1

PATENT REEL: 042594 FRAME: 0028

RECORDED: 06/05/2017