

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7840221

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
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	JAMES K. BAKER	12/27/2019
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	18181948	
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NAME OF SUBMITTER:	MARK G. KNEDEISEN	
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DATE SIGNED:	03/10/2023	
Total Attachments: 3		
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ASSIGNMENT

James K. Baker, a U.S. citizen residing at 958 Versailles Circle, Maitland, FL 32751 ("Assignor") hereby assigns, transfers to, and confirms in D5AI LLC, a Delaware limited liability company having a place of business at 958 Versailles Circle, Maitland, FL 32751 ("Assignee"), its successors, legal representatives and assigns, and Assignee hereby accepts, (i) Assignor's full and exclusive right, title and interest in the patent applications identified in Appendix A hereto (hereinafter the "Baker Patent Applications"), (ii) any and all additional patent applications, utility model registrations, and other invention registrations claiming priority to or otherwise corresponding to the Baker Patent Applications that are or may be filed; (iii) any and all patents, utility model registrations, and other invention and industrial property registrations issuing from the Baker Patent Applications; and (iv) any and all reissues, reexamination certificates, extensions, divisions, renewals, continuations, and continuations-in-part of the Baker Patent Applications.

Assignor hereby authorizes and requests the U.S. Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignor, his successors, legal representatives and assigns, in accordance with the terms of this Assignment.

Assignor hereby covenants and agrees that he has full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

Assignor hereby agrees that he will execute any papers and take all other actions reasonably necessary to document and officially record the ownership interest transferred to Assignee in accordance with the terms of this Agreement.

James K. Baker

By: [Signature]
Date: 12/27/2019

Notary: KPP 12/27/19



KALPESH P. PATEL
MY COMMISSION # GG 043163
EXPIRES: November 16, 2020
Bonded Thru Budget Notary Services

ACCEPTED AND AGREED TO:

D5AI LLC

By: [Signature]
Name: James K. Baker
Title: CEO
Date: 12/22/2019

Notary: KPP 12/27/19



KALPESH P. PATEL
MY COMMISSION # GG 043163
EXPIRES: November 16, 2020
Bonded Thru Budget Notary Services

APPENDIX A

Application Title	Inventor(s)	Jurisdiction	Attorney Docket No.	Serial No.	Filing Date
Asynchronous Agents with Learning Coaches and Structurally Modifying Deep Neural Networks Without Performance Degradation	James K. Baker	US	170422PCTUS	16/618,910	Dec. 3, 2019
Robust Anti-Adversarial Machine Learning	James K. Baker	US	170424PCTUS	16/619,278	Dec. 4, 2019
Data Splitting by Gradient Direction for Neural Networks	James K. Baker	US	170427PCTUS	16/618,931	Dec. 3, 2019
Aligned Training of Deep Network	James K. Baker	US	170505PCTUS	16/620,214	Dec. 6, 2019
Using Back Propagation Computation as Data	James K. Baker	PCT	180288PCT	PCT/US19/35300	June 4, 2019
Using Back Propagation Computation as Data	James K. Baker	US	180288PCTUS	16/619,325	Dec. 4, 2019
Analyzing and Correcting Vulnerabilities in Neural Networks	James K. Baker	PCT	180290PCT	PCT/US19/39383	June 27, 2019
Analyzing and Correcting Vulnerabilities in Neural Networks	James K. Baker	US	180290PCTUS	16/619,338	Dec. 4, 2019
Forward Propagation of Secondary Objective for Deep Learning	James K. Baker	PCT	180301PCT	PCT/US19/39703	June 28, 2019
Forward Propagation of Secondary Objective for Deep Learning	James K. Baker	US	180301PCTUS	16/619,346	Dec. 4, 2019
Joint Optimization of Ensembles in Deep Learning	James K. Baker	PCT	180321PCT	PCT/US18/52857	Sept. 26, 2018
Joint Optimization of Ensembles in Deep Learning	James K. Baker	US	180321PCTUS	16/619,516	Dec. 5, 2019
Robust Von Neumann Ensembles for Deep Learning	James K. Baker	PCT	180383PCT	PCT/US19/41992	July 16, 2019
Robust Von Neumann Ensembles for Deep Learning	James K. Baker	US	180383PCTUS	16/619,521	Dec. 5, 2019
Companion Analysis Network in Deep Learning	James K. Baker	PCT	180398PCT	PCT/US19/45653	Aug. 8, 2019

APPENDIX A (continued)

Application Title	Inventor(s)	Jurisdiction	Attorney Docket No.	Serial No.	Filing Date
Companion Analysis Network in Deep Learning	James K. Baker	US	180398PCTUS	16/620,177	Dec. 6, 2019
Self-Supervised Back Propagation for Deep Learning	James K. Baker	PCT	180428PCT	PCT/US19/47796	Aug. 23, 2019
Self-Supervised Back Propagation for Deep Learning	James K. Baker	US	180428PCTUS	16/619,904	Dec. 5, 2019
Building Deep Learning Ensembles with Diverse Targets	James K. Baker	PCT	180433PCT	PCT/US19/46107	Aug. 12, 2019
Efficiently Building Deep Neural Network	James K. Baker	PCT	180459PCT	PCT/US19/46178	Aug. 12, 2019
Efficiently Building Deep Neural Network	James K. Baker	US	180459PCTUS	16/620,052	Dec. 6, 2019
Building a Deep Neural Network with Diverse Strata	James K. Baker	PCT	180460PCT	PCT/US19/47805	Aug. 23, 2019
Building a Deep Neural Network with Diverse Strata	James K. Baker	US	180460PCTUS	16/620,058	Dec. 6, 2019
Deep Learning with Judgment	James K. Baker	US	190465P	62/891,610	Aug. 26, 2019
Selective Training of Deep Learning Modules	James K. Baker	US	190597P	62/906,971	Sept. 27, 2019