

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7809595

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES K. BAKER	10/05/2018
RECEIVING PARTY DATA	
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City:	MAITLAND
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18172757
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NAME OF SUBMITTER:	MARK G. KNEDEISEN
SIGNATURE:	/Mark G. Knedeisen/
DATE SIGNED:	02/22/2023
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 "Patent Applications"), (ii) any and all additional patent applications, utility model registrations, and other invention registrations claiming priority to or otherwise corresponding to the 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 Patent Applications; and (iv) any and all reissues, reexamination certificates, extensions, divisions, renewals, continuations, and continuations-in-part of the 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 Assignee, its successors, legal representatives and assigns, in accordance with the terms of this Assignment.

Assignor hereby covenants and agrees that it 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 it 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 Assignment.

James K. Baker

By: James K. Baker

Date: 10/5/2018

Witnessed and subscribed before me this 05/10/2018 by James K. Baker, who has produced Florida Power of Attorney as authentication.
Geraldine C. Cullen
Notary Public

Notary: [Signature]

D5AI LLC

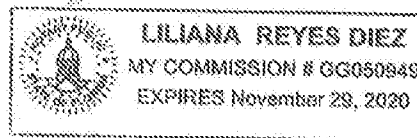
By: James K. Baker

Name: James K. Baker

Title: Chief Executive Officer

Date: 10/5/2018

Notary: [Signature]



APPENDIX A
Page 1 of 2

APPLICATION TITLE	INVENTOR	JURISDICTION	APPL. NO.	FILING DATE
LEARNING COACH FOR MACHINE LEARNING SYSTEM	James K. Baker	PCT	PCT/US17/52037	Sept. 18, 2017
LEARNING COACH FOR MACHINE LEARNING SYSTEM	James K. Baker	PCT	PCT/US18/20887	Mar. 5, 2018
MULTI-STAGE MACHINE LEARNING AND RECOGNITION	James K. Baker	PCT	PCT/US18/27744	Apr. 16, 2018
ASYNCHRONOUS AGENTS WITH LEARNING COACHES AND STRUCTURALLY MODIFYING DEEP NEURAL NETWORKS WITHOUT PERFORMANCE DEGRADATION	James K. Baker	PCT	PCT/US18/35275	May 31, 2018
ROBUST ANTI-ADVERSARIAL MACHINE LEARNING	James K. Baker	PCT	PCT/US18/36916	June 11, 2018
DATA SPLITTING BY GRADIENT DIRECTION FOR NEURAL NETWORKS	James K. Baker	PCT	PCT/US18/35598	June 1, 2018
ALIGNED TRAINING OF DEEP NETWORKS	James K. Baker	PCT	PCT/US18/37812	June 15, 2018
SELECTIVE TRAINING FOR DECORRELATION OF ERRORS	James K. Baker	PCT	PCT/US18/39007	June 22, 2018
AGGRESSIVE DEVELOPMENT WITH COOPERATIVE GENERATORS	James K. Baker	US	62/564,754	Sept. 28, 2017
AGGRESSIVE DEVELOPMENT WITH COOPERATIVE GENERATORS	James K. Baker	PCT	PCT/US/53519	Sept. 28, 2018
MACHINE LEARNING WITH MIXTURE OF LINEAR AND NON-LINEAR NODES	James K. Baker	US	62/647,157	Mar. 23, 2018
USING BACK PROPAGATION COMPUTATION AS DATA	James K. Baker	US	62/691,907	June 29, 2018
ANALYZING AND CORRECTING VULNERABILITIES IN NEURAL NETWORKS	James K. Baker	US	62/693,520	July 3, 2018
FORWARD PROPAGATION OF SECONDARY OBJECTIVE FOR DEEP LEARNING	James K. Baker	US	62/694,206	July 5, 2018

APPENDIX A
Page 2 of 2

APPLICATION TITLE	INVENTOR	JURISDICTION	APPL. NO.	FILING DATE
JOINT OPTIMIZATION OF ENSEMBLES IN DEEP LEARNING	James K. Baker	US	62/696,063	July 10, 2018
ROBUST VON NEUMANN ENSEMBLES FOR DEEP LEARNING	James K. Baker	US	62/713,282	Aug. 1, 2018
COMPANION ANALYSIS NETWORK IN DEEP LEARNING	James K. Baker	US	62/716,683	Aug. 9, 2018
SELF-SUPERVISED BACK PROPAGATION FOR DEEP LEARNING	James K. Baker	US	62/725,356	Aug. 31, 2018
BUILDING DEEP LEARNING ENSEMBLES WITH DIVERSE TARGETS	James K. Baker	US	62/719,433	Aug. 17, 2018
EFFICIENTLY BUILDING DEEP NEURAL NETWORKS	James K. Baker	US	62/721,754	Aug. 23, 2018
BUILDING A DEEP NEURAL NETWORK WITH DIVERSE STRATA	James K. Baker	US	62/723,012	Aug. 27, 2018
STOCHASTIC CATEGORICAL AUTOENCODER NETWORK	James K. Baker	US	16/124,977	Sept. 7, 2018
MIXTURE OF GENERATORS MODEL	James K. Baker	PCT	PCT/US18/51069	Sept. 14, 2018
ROBUST AUTO-ASSOCIATIVE MEMORY WITH RECURRENT NEURAL NETWORK	James K. Baker	PCT	PCT/US18/51683	Sept. 19, 2018
MULTI-OBJECTIVE GENERATORS IN DEEP LEARNING	James K. Baker	PCT	PCT/US18/53295	Sept. 28, 2018