

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5511060

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAMIEN BENVENISTE	09/18/2018
PENG JIANG	09/14/2018
MARICK SINAY	09/14/2018
JUNQING WU	09/14/2018
PHILIP REMMELE	09/14/2018
MIKE ZHANG	09/14/2018
RECEIVING PARTY DATA	
Name:	BLUESTEM BRANDS, INC.
Street Address:	7505 FLYING CLOUD DRIVE
City:	EDEN PRAIRIE
State/Country:	MINNESOTA
Postal Code:	55344
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16137200
CORRESPONDENCE DATA	
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<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>	
Phone:	612-766-7000
Email:	kristine.stefano@faegrebd.com
Correspondent Name:	KRISTINE STEFANO
Address Line 1:	90 SOUTH SEVENTH STREET
Address Line 2:	2200 WELLS FARGO CENTER
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	477839.000784
NAME OF SUBMITTER:	KRISTINE STEFANO
SIGNATURE:	/Kristine Stefano/
DATE SIGNED:	05/07/2019

Total Attachments: 7

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ASSIGNMENT	Attorney Docket No.: 477839.784	Page 1 of 7
	First Named Inventor: Damien Benveniste	
	Title: SYSTEMS AND METHODS FOR IMPROVING THE INTERPRETABILITY AND TRANSPARENCY OF MACHINE LEARNING MODELS	

WHEREAS, we, **Damien Benveniste, Peng Jiang, Philip Remmele, Marick Sinay, Junqing Wu, and Mike Zhang** have invented certain new and useful improvements as described in a U.S. patent application entitled **SYSTEMS AND METHODS FOR IMPROVING THE INTERPRETABILITY AND TRANSPARENCY OF MACHINE LEARNING MODELS**, the application being filed on September 20, 2018 and assigned application serial number 16/137,200; and

WHEREAS, **Bluestem Brands, Inc.**, with principle offices located at **7505 Flying Cloud Drive Eden Prairie, Minnesota 55344** ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including original, non-provisional, divisional, continuation, and continuations-in-part, reexamination, or reissue patent or application), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

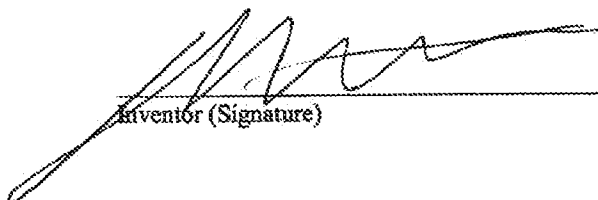
[SIGNATURE PAGES FOLLOW]

ASSIGNMENT	Attorney Docket No.: 477839.784	Page 2 of 7
	First Named Inventor: Damien Benveniste	
	Title: SYSTEMS AND METHODS FOR IMPROVING THE INTERPRETABILITY AND TRANSPARENCY OF MACHINE LEARNING MODELS	

IN WITNESS WHEREOF, I have executed this assignment at TORRANCE
on this 18th day of September, 2018.

Inventor

Full Name: Damien Benveniste
Address: 1617 W. 208th St., Unit 2
Torrance, CA 90501


Inventor (Signature)

STATE OF _____)
)SS:
COUNTY OF _____)

Acknowledged before me, a Notary Public, within and for said County and State. Witness my
hand and Notarial Seal this _____ day of _____, 2018.

My Commission Expires: _____ Notary Public _____
Resident of _____ County Printed Name _____

US-119886348.01

ASSIGNMENT

Attorney Docket No.: 477839.784

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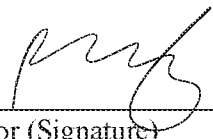
First Named Inventor: Damien Benveniste

Title: SYSTEMS AND METHODS FOR IMPROVING THE
INTERPRETABILITY AND TRANSPARENCY OF
MACHINE LEARNING MODELS

IN WITNESS WHEREOF, I have executed this assignment at 3:48 PM PDT
on this 14 day of September, 2018.

Inventor

Full Name: Peng Jiang

Address: 2931 Plaza Del Amo, Unit 57
Torrance, CA 90503
Inventor (Signature)

STATE OF California)
)SS:
COUNTY OF Los Angeles)

Acknowledged before me, a Notary Public, within and for said County and State. Witness my
hand and Notarial Seal this _____ day of _____, 2018.

My Commission Expires: _____

Notary Public _____

Resident of _____ County

Printed Name _____

ASSIGNMENT

Attorney Docket No.: 477839.784

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First Named Inventor: Damien Benveniste

Title: SYSTEMS AND METHODS FOR IMPROVING THE
INTERPRETABILITY AND TRANSPARENCY OF
MACHINE LEARNING MODELS

IN WITNESS WHEREOF, I have executed this assignment at 3:46 PM PDT
on this 14 day of September, 2018.

InventorFull Name: Marick SinayAddress: 3500 Blanche Road
Manhattan Beach, CA 90266Inventor (Signature)

STATE OF California)
COUNTY OF Los Angeles) SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my
hand and Notarial Seal this _____ day of _____, 2018.

My Commission Expires: _____ Notary Public _____

Resident of _____ County. Printed Name _____

ASSIGNMENT

Attorney Docket No.: 477839.784

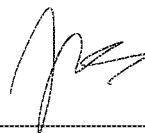
Page 6 of 7

First Named Inventor: Damien Benveniste

Title: SYSTEMS AND METHODS FOR IMPROVING THE
INTERPRETABILITY AND TRANSPARENCY OF
MACHINE LEARNING MODELS

IN WITNESS WHEREOF, I have executed this assignment at _____
on this 14th day of September, 2018.

Inventor

Full Name: Junqing WuAddress: 8635 Falmouth Ave., Apt. 306
Playa Del Rey, CA 90245

Inventor (Signature)

STATE OF _____)
COUNTY OF _____)SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my
hand and Notarial Seal this _____ day of _____, 2018.

My Commission Expires: _____ Notary Public _____

Resident of _____ County. Printed Name _____

ASSIGNMENT

Attorney Docket No.: 477839.784

Page 4 of 7

First Named Inventor: Damien Benveniste

Title: SYSTEMS AND METHODS FOR IMPROVING THE
INTERPRETABILITY AND TRANSPARENCY OF
MACHINE LEARNING MODELS

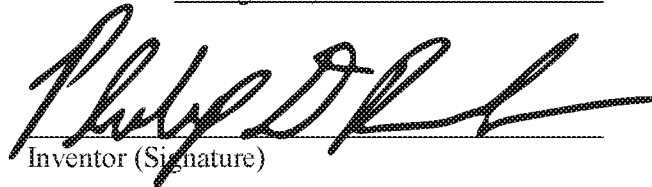
IN WITNESS WHEREOF, I have executed this assignment at 3:51 PDT

on this 14th day of September, 2018.

Inventor

Full Name: Philip Remmele

Address: 770 West Imperial Ave., Apt. 58
El Segundo, CA 90245



Inventor (Signature)

STATE OF California)
)SS:
COUNTY OF Los Angeles)

Acknowledged before me, a Notary Public, within and for said County and State. Witness my
hand and Notarial Seal this _____ day of _____, 2018.

My Commission Expires: _____ Notary Public _____

Resident of _____ County. Printed Name _____

ASSIGNMENT

Attorney Docket No.: 477839.784

Page 7 of 7

First Named Inventor: Damien Benveniste

Title: SYSTEMS AND METHODS FOR IMPROVING THE
INTERPRETABILITY AND TRANSPARENCY OF
MACHINE LEARNING MODELS

IN WITNESS WHEREOF, I have executed this assignment at 3:50 PM PDT
on this 14th day of September, 2018.

Inventor

Full Name: Mike Zhang

Address: 1200 Cranbrook Pl.
Fullerton, CA 92833

Xi Zhang

Inventor (Signature)

STATE OF California)
)SS:
COUNTY OF Los Angeles)

Acknowledged before me, a Notary Public, within and for said County and State. Witness my
hand and Notarial Seal this _____ day of _____, 2018.

My Commission Expires: _____ Notary Public _____

Resident of _____ County. Printed Name _____