PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6384978

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHESHEN WANG	10/26/2020
DIMITRIS PAPADIMITRIOU	10/15/2020
MEHRAN KAFAI	10/14/2020
JARROD SHERWIN	11/04/2020
ANTHONY SHARMA	10/16/2020
LEAH AUTUMN THOMPKINS	10/14/2020

RECEIVING PARTY DATA

Name:	AMAZON TECHNOLOGIES, INC.
Street Address:	PO BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17089189

CORRESPONDENCE DATA

Fax Number:

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.

Phone:	2818094118
Email:	mnick@kilpatricktownsend.com
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP / AMAZON
Address Line 1:	1100 PEACHTREE STREET, SUITE 2800
Address Line 4:	ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	090204-1209439 (145600US)
NAME OF SUBMITTER:	MONICA NICK
SIGNATURE:	/Monica Nick/
DATE SIGNED:	11/04/2020

Total Attachments: 10

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PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. <u>17/089,189</u>   Attorney Docket No. 090204-1209439 (145600US)

Filing Date <u>November 4</u>, 2020   Client Docket No. P71733-US01

PARTIES TO THE ASSIGNMENT

<u>Assignor(s):</u>

Zheshen Wang
410 Terry Avenue North
Seattle, WA 98109-5210

Dimitris Papadimitriou
410 Terry Avenue North
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Mehran Kafai
410 Terry Avenue North
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Jarrod Sherwin
410 Terry Avenue North
Seattle, WA 98109-5210

Anthony Sharma
410 Terry Avenue North
Seattle, WA 98109-5210

Leah Autumn Thompkins
410 Terry Avenue North
Seattle, WA 98109-5210

<u>Assignee:</u>
Amazon Technologies, Inc.
PO Box 81226
Seattle, WA 98108-1226

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"ARTIFICIAL INTELLIGENCE (AI) MODELS TO IMPROVE IMAGE PROCESSING RELATED TO ITEM

DELIVERIES" (Invention) for which a non-provisional application for United States Letters Patent

(Application):

**PATENT
REEL: 054273 FRAME: 0235**

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. __17/089,189__   Attorney Docket No. 090204-1209439 (145600US)
Filing Date _November 4, 2020_   Client Docket No. P71733-US01

Title of Invention: ARTIFICIAL INTELLIGENCE (AI) MODELS TO IMPROVE IMAGE PROCESSING RELATED TO ITEM DELIVERIES

Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony Sharma, Leah Autumn Thompkins,

☐ was filed on _____ and accorded U.S. Application No. _____; or

☒ will be filed concurrently with the submission of this executed PATENT ASSIGNMENT

for recordation. ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal

representatives, of Kilpatrick Townsend & Stockton LLP, associated with Customer

No. 107508, to insert in the header above and here in parentheses (U.S. Patent

Application No. __17/089,189__, filed _November 4, 2020_) this application's U.S. application

number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the

entire right, title and interest in and to the Invention and in and to any letters patent that may be

granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which

is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its

successors and assigns, the entire right, title and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all provisional, divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said Application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said Invention,

Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its

successors and assigns for their use and benefit and of their successors and assigns as fully and

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U.S. Patent Appln. No. 17/089,189   Attorney Docket No. 090204-1209439 (145600US)
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Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony Sharma, Leah Autumn Thompkins,

entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist in the preparation of any other patent property relating to the Application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the Application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/089,189   Attorney Docket No. 090204-1209439 (145600US)
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Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony Sharma, Leah Autumn Thompkins,

do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain

and enforce proper patent protection for the Invention in all countries. These provisions are

binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

**PATENT
REEL: 054273 FRAME: 0238**

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/089,189   Attorney Docket No. 090204-1209439 (145600US)
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Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony Sharma, Leah Autumn Thompkins,

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ the attached application; or

☐ United States Patent Application number _____ filed on _____; or

☐ PCT International Application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:

Zheshen Wang

36EFDA39BBF949D...

Zheshen Wang

October 26, 2020

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. ___17/089,189___   Attorney Docket No. 090204-1209439 (145600US)
Filing Date _November 4, 2020_   Client Docket No. P71733-US01

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Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony Sharma, Leah Autumn Thompkins,

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:

Dimitris Papadimitriou

941-B50E042140C7

Dimitris Papadimitriou

October 15, 2020

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/089,189   Attorney Docket No. 090204-1209439 (145600US)
Filing Date November 4, 2020   Client Docket No. P71733-US01

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Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony Sharma, Leah Autumn Thompkins,

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DocuSigned by:

/Mehran Kafai/

5A0B7F0DAE2449C...

Mehran Kafai

October 14, 2020

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/089,189   Attorney Docket No. 090204-1209439 (145600US)
Filing Date November 4, 2020   Client Docket No. P71733-US01

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DocuSigned by:

/Jarrod Sherwin/

Jarrod Sherwin

November 4, 2020

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/089,189   Attorney Docket No. 090204-1209439 (145600US)
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RELATED TO ITEM DELIVERIES

Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony
Sharma, Leah Autumn Thompkins,

DECLARATION
As a below named inventor, I hereby declare that:
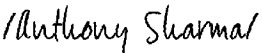
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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:

Anthony Sharma

Anthony Sharma

October 16, 2020

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/089,189
Filing Date November 4, 2020

Attorney Docket No. 090204-1209439 (145600US)
Client Docket No. P71733-US01

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Inventors: Zheshen Wang, Dimitris Papadimitriou, Mehran Kafai, Jarrod Sherwin, Anthony Sharma, Leah Autumn Thompkins,

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DocuSigned by:

/Leah Autumn Thompkins/

15A231EED0A0418...

Leah Autumn Thompkins

October 14, 2020

Date