

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5904215

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TATHAGATA CHAKRABORTI	01/03/2020
MAYANK AGARWAL	01/06/2020
ELI M. DOW	01/02/2020
KARTIK TALAMADUPULA	01/02/2020
KSHITIJ FADNIS	01/02/2020
JORGE J. BARROSO CARMONA	01/07/2020
BORJA GODOY	01/03/2020
RECEIVING PARTY DATA	
Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16704368
CORRESPONDENCE DATA	
Fax Number:	(301)762-4056
<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:	301-424-3640
Email:	epatent@usiplaw.com
Correspondent Name:	EDELL, SHAPIRO & FINNAN, LLC
Address Line 1:	9801 WASHINGTONIAN BOULEVARD
Address Line 2:	SUITE 750
Address Line 4:	GAITHERSBURG, MARYLAND 20878
ATTORNEY DOCKET NUMBER:	P201908174US01/0967.0008C
NAME OF SUBMITTER:	JAMES H. MAYFIELD
SIGNATURE:	/James H. Mayfield/
DATE SIGNED:	01/09/2020

PATENT

Total Attachments: 18

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**DECLARATION (37 C.F.R. § 1.63) FOR UTILITY PATENT APPLICATION USING AN
APPLICATION DATA SHEET (37 C.F.R. § 1.76) AND ASSIGNMENT**

Title of Invention: **FLEXIBLE ARTIFICIAL INTELLIGENCE AGENT INFRASTRUCTURE FOR
ADAPTING PROCESSING OF A SHELL**

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

☐ United States application 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.

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I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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Signature: Tathagata Chakraborti Date: 01/03/2020

(1) Legal Name of Inventor: **Tathagata Chakraborti**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Mayank Agarwal**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Eli M. Dow**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Kartik Talamadupula**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Kshitij Fadnis**

IBM DOCKET NUMBER: P2019081741US01



Signature: _____ Date: 01/07/2020

(6) Legal Name of Inventor: Jorge J. Barroso Carmoes

Signature: _____ Date: _____

(7) Legal Name of Inventor: Borja Godoy

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Signature: _____ Date: _____

(1) Legal Name of Inventor: **Tathagata Chakraborti**

Signature:  _____ Date: Jan 6, 2020

(2) Legal Name of Inventor: **Mayank Agarwal**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Eli M. Dow**

Signature: _____ Date: _____

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Signature: _____ Date: _____

(5) Legal Name of Inventor: **Kshitij Fadnis**

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(6) Legal Name of Inventor: **Jorge J. Barroso Carmona**

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Signature: _____ Date: _____

(1) Legal Name of Inventor: Tathagata Chakraborti

Signature: _____ Date: _____

(2) Legal Name of Inventor: Mayank Agarwal

Signature: Eli M. Dow Date: 1/2/2020

(3) Legal Name of Inventor: Eli M. Dow

Signature: _____ Date: _____

(4) Legal Name of Inventor: Kartik Talamadupula

Signature: _____ Date: _____

(5) Legal Name of Inventor: Kshitij Fadnis

Signature: _____ Date: _____

(6) Legal Name of Inventor: Jorge J. Barroso Carmona

Signature: _____ Date: _____

(7) Legal Name of Inventor: Berja Godoy

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(2) Legal Name of Inventor: **Mayank Agarwal**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Eli M. Dow**

Signature:  _____ Date: **Jan 2, 2020**

(4) Legal Name of Inventor: **Kartik Talamadupula**

Signature: _____ Date: _____

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Signature: _____ Date: _____

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Signature: _____ Date: _____

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(1) Legal Name of Inventor: **Tathagata Chakraborti**

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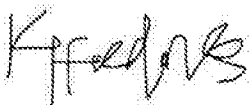
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Signature: _____ Date: _____

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Signature:  _____ Date: 3 Jan, 2020

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