

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6634874

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEIPENG LI	10/27/2020
GANESH RAO	10/27/2020
RECEIVING PARTY DATA	
Name:	THE BANK OF NEW YORK MELLON
Street Address:	240 GREENWICH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10286
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17220078
CORRESPONDENCE DATA	
Fax Number:	(703)770-7901
<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:	703 770 7900
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Correspondent Name:	PILLSBURY WINTHROP SHAW PITTMAN LLP
Address Line 1:	P.O. BOX 10500
Address Line 4:	MCLEAN, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	201818-0560706
NAME OF SUBMITTER:	BARBIE BEAVERS
SIGNATURE:	/BARBIE BEAVERS/
DATE SIGNED:	04/01/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	
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ATTORNEY DOCKET NUMBER: 201818-0515463

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: **Methods and Systems for Predicting Successful Data Transmission During Mass Communications Across Computer Networks Featuring Disparate Entities and Imbalanced Data Sets Using Machine Learning Models**

As a below named 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.

I have reviewed and understand the contents of the application, including the claims.

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 CFR Section 1.56.

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

WHEREAS, the undersigned inventor(s) (hereinafter "Assignor"), has/have made an invention entitled "**Methods and Systems for Predicting Successful Data Transmission During Mass Communications Across Computer Networks Featuring Disparate Entities and Imbalanced Data Sets Using Machine Learning Models**" disclosed in the above-identified patent application, and

WHEREAS, **ASSIGNEE** (hereinafter "Assignee"), a corporation of **THE BANK OF NEW YORK MELLON**, having a place of business at **240 Greenwich Street, New York, NY 10286, U.S.A.**, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, application and all Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes, and divisions which may be granted therefor;

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said Assignor, by these presents do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the full and exclusive right in and to the said invention as described in the said application, and in and to any Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes, and divisions which may be granted therefor and all rights to claim priority on the basis of said application; and I further grant to Assignee the sole right to sue and collect damages for past infringement;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks or any other

ATTORNEY DOCKET NUMBER: 201818-0515463

proper officer or agency of any country to issue all said Letters Patent to said Assignee;

AND I HEREBY warrant and covenant that I have the full right to convey the entire interest herein assigned and that I have not executed and will not execute any instrument or assignment in conflict herewith;

AND I HEREBY agree to communicate to said Assignee or its representatives any facts known to me respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute, and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

(1) Legal Name of Inventor: **Weipeng LI**

Signature:  Date: 10/27/2020
3E24780B4C69436...

(2) Legal Name of Inventor: **Ganesh RAO**

Signature: _____ Date: _____

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

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AND I HEREBY authorize and request the Commissioner of Patents and Trademarks or any other

proper officer or agency of any country to issue all said Letters Patent to said Assignee;

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AND I HEREBY agree to communicate to said Assignee or its representatives any facts known to me respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute, and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

(1) Legal Name of Inventor: **Weipeng LI**

Signature:_____ Date:_____

(2) Legal Name of Inventor: **Ganesh RAO**

Signature: GANESH M RAO Date: 10/27/2020