

PATENT ASSIGNMENT COVER SHEET

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|---|---|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AMOL DHONDSE | 08/29/2018 |
| ANAND PIKLE | 09/03/2018 |
| HARISH BHARTI | 08/29/2018 |
| RAJESH SAXENA | 08/31/2018 |
| ABHAY PATRA | 08/29/2018 |
| 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: | 16138153 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)584-3270 |
| <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: | 7036773012 |
| Email: | saragon@rmcsc2.com |
| Correspondent Name: | ROBERTS MLOTKOWSKI SAFRAN COLE & CALDERON, P.C. |
| Address Line 1: | 7918 JONES BRANCH DRIVE, SUITE 500 |
| Address Line 4: | MCLEAN, VIRGINIA 22102 |
| NAME OF SUBMITTER: | ANDREW D. WRIGHT |
| SIGNATURE: | /Andrew D. Wright/ |
| DATE SIGNED: | 09/21/2018 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |
| Total Attachments: 10 | |
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source=IN820161570US01_Assign-Dec#page10.tif

**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: API EVOLUTION AND ADAPTATION BASED ON COGNITIVE SELECTION
AND UNSUPERVISED FEATURE LEARNING

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.

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.

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
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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
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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.

Signature:  Date: 29/08/2018

(1) Legal Name of Inventor: **Amol DHONDSE**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Anand PIKLE**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Harish BHARTI**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Rajesh SAXENA**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Abhay PATRA**

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Signature: _____ Date: _____

(1) Legal Name of Inventor: **Amol DHONDSE**

Signature:  _____ Date: 03-Sep-2018

(2) Legal Name of Inventor: **Anand PIKLE**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Harish BHARTI**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Rajesh SAXENA**

Signature: _____ Date: _____

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Signature: _____ Date: _____

(1) Legal Name of Inventor: **Amol DHONDSE**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Anand PIKLE**

Signature:  Date: 29 Aug 2018

(3) Legal Name of Inventor: **Harish BHARTI**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Rajesh SAXENA**

Signature: _____ Date: _____

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(2) Legal Name of Inventor: **Anand PIKLE**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Harish BHARTI**

Signature: _____ Date: **31-Aug-2018**

(4) Legal Name of Inventor: **Rajesh SAXENA**

Signature: _____ Date: _____

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Signature: _____ Date: _____

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Signature: Abhay Kees Patra Date: 29 AUG 2018

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