507729487 02/02/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7776632

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the COVER SHEET ONLY TO PREVIOUSLY FILED PATENT ASSIGNMENT. previously recorded on Reel 052484 Frame 0898. Assignor(s) hereby confirms the CORRECTIVE ASSIGNMENT TO CORRECT COVER SHEET ONLY MISSING FIRST NAME OF INVENTOR SURESH KUMAR JASRASARIA |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| OTIS SMART | 04/21/2020 |
| CHARLES LYNN | 04/21/2020 |
| KARTHIK JAYARAMAN | 04/23/2020 |
| LINSONG CHU | 04/21/2020 |
| RONALD BRUCE BAKER | 04/22/2020 |
| SURESH KUMAR JASRASARIA | 04/24/2020 |

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: | 16857319 |

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.

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Correspondent Name: INTERNATIONAL BUSINESS MACHINES CORPORATION

Address Line 1: NEW ORCHARD ROAD
Address Line 4: ARMONK, NEW YORK 10504

| ATTORNEY DOCKET NUMBER: | P201904405US01 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | FRANCES DIAZ |
| SIGNATURE: | /Frances Diaz/ |

PATENT 507729487 REEL: 062655 FRAME: 0823

| DATE SIGNED: | 02/02/2023 |
|--|--|
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 5 | |
| source=16857319 Original Oath-Dec Fil- | ed#page1.tif |
| source=16857319 Original Oath-Dec Fil- | ed#page2.tif |
| source=16857319 Original Oath-Dec Fil- | ed#page3.tif |
| source=16857319 Original Oath-Dec Fil- | ed#page4.tif |
| source=16857319 Original Oath-Dec Fil- | ed#page5.tif |

506029848 04/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6076563

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| OTIS SMART | 04/21/2020 |
| CHARLES LYNN | 04/21/2020 |
| KARTHIK JAYARAMAN | 04/23/2020 |
| LINSONG CHU | 04/21/2020 |
| RONALD BRUCE BAKER | 04/22/2020 |
| KUMAR JASRASARIA | 04/24/2020 |

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: | 16857319 |

CORRESPONDENCE DATA

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EDELL, SHAPIRO & FINNAN, LLC **Correspondent Name:** 9801 WASHINGTONIAN BOULEVARD Address Line 1:

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| ATTORNEY DOCKET NUMBER: | P201904405US01/0920.0702C |
|-------------------------|--|
| NAME OF SUBMITTER: | JAMES H. MAYFIELD |
| SIGNATURE: | /James H. Mayfield/ |
| DATE SIGNED: | 04/24/2020 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT

REEL: 062655 FRAME: 0825

Total Attachments: 3 source=Assign-Dec_12#page1.tif

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IBM DOCKET NUMBER: P201904405US01

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: PROCESSING MULTIPLE DATA SETS TO GENERATE A MERGED LOCATION-BASED DATA SET

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

This declaration is directed to the application that was sent to me by email from thinkip@us.ibm.com on or about 2020-4-21.

[] 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 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.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

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:_ | E-SIGNED by /Otis Smart/ |
|-------------|------------------------------------|
| Date: | 2020-04-21 |
| (1) Legal N | ame of Inventor: Otis Smart |
| | |
| Signature:_ | E-SIGNED by /Charles Lynn/ |
| Date: | 2020-04-21 |
| (2) Legal N | ame of Inventor: Charles Lynn |
| | |
| Signature:_ | E-SIGNED by /KARTHIK JAYARAMAN/ |
| Date: | 2020-04-23 |
| (3) Legal N | ame of Inventor: KARTHIK JAYARAMAN |
| | |
| Signature:_ | E-SIGNED by /Linsong Chu/ |
| Date: | 2020-04-21 |
| (4) Legal N | ame of Inventor: Linsong Chu |
| | |
| Signature: | E-SIGNED by /Ronald Bruce Baker/ |

IBM DOCKET NUMBER: P201904405US01

Date: 2020-04-22

(5) Legal Name of Inventor: Ronald Bruce Baker

Signature: E-SIGNED by Suresh Kumar JASRASARIA/

Date: 2020-04-24

(6) Legal Name of Inventor: Suresh Kumar JASRASARIA

PATENT REEL: 062655 FRAME: 0829

RECORDED: 02/02/2023