

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6483837

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 4TH INVENTOR'S LAST NAME previously recorded on Reel 054606 Frame 0924. Assignor(s) hereby confirms the CORRECT SPELLING IS "BROOKER" AND NOT "BOOKER".										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ANDREW C. M. HICKS</td><td>12/10/2020</td></tr><tr><td>MICHAEL E. GILDEIN</td><td>12/10/2020</td></tr><tr><td>DANIEL JOHN FITZGERALD</td><td>12/09/2020</td></tr><tr><td>CHRISTOPHER G. BROOKER</td><td>12/09/2020</td></tr></tbody></table>	Name	Execution Date	ANDREW C. M. HICKS	12/10/2020	MICHAEL E. GILDEIN	12/10/2020	DANIEL JOHN FITZGERALD	12/09/2020	CHRISTOPHER G. BROOKER	12/09/2020	
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ANDREW C. M. HICKS	12/10/2020										
MICHAEL E. GILDEIN	12/10/2020										
DANIEL JOHN FITZGERALD	12/09/2020										
CHRISTOPHER G. BROOKER	12/09/2020										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>17117650</td></tr></tbody></table>	Property Type	Number	Application Number:	17117650							
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Application Number:	17117650										
CORRESPONDENCE DATA											
Fax Number:	(860)286-0115										
<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:	860-286-2929										
Email:	usptopatentmail@cantorcolburn.com										
Correspondent Name:	CANTOR COLBURN LLP										
Address Line 1:	20 CHURCH STREET										
Address Line 2:	22ND FLOOR										
Address Line 4:	HARTFORD, CONNECTICUT 06103										
ATTORNEY DOCKET NUMBER:	P202001322US01										
NAME OF SUBMITTER:	CYNTHIA L. DAVIS										
SIGNATURE:	/Cynthia L. Davis/										
DATE SIGNED:	01/07/2021										

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6443135

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW C. M. HICKS	12/10/2020
MICHAEL E. GILDEIN	12/10/2020
DAVID JOHN FITZGERALD	12/09/2020
CHRISTOPHER G. BOOKER	12/09/2020
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	
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Application Number:	17117650
CORRESPONDENCE DATA	
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Phone:	860-286-2929
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP
Address Line 1:	20 CHURCH STREET
Address Line 2:	22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	P202001322US01
NAME OF SUBMITTER:	CYNTHIA L. DAVIS
SIGNATURE:	/cld/
DATE SIGNED:	12/10/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	

**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: **VECTOR-BASED IDENTIFICATION OF SOFTWARE DEPENDENCY
RELATIONSHIPS**

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

This declaration is directed to the application that was provided to me electronically on or about
2020-12-9.

[] 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 /Andrew C. M. Hicks/

Date: 2020-12-10

(1) Legal Name of Inventor: **Andrew C. M. Hicks**

Signature:  E-SIGNED by /MICHAEL E GILDEIN/

Date: 2020-12-10

(2) Legal Name of Inventor: **MICHAEL E GILDEIN**

Signature:  E-SIGNED by /Daniel John FitzGerald/

Date: 2020-12-09

(3) Legal Name of Inventor: **Daniel John FitzGerald**

Signature:  E-SIGNED by /Christopher G. Brooker/

Date: 2020-12-09

(4) Legal Name of Inventor: **Christopher G. Brooker**