

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7609425

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	INTERNATIONAL BUSINESS MACHINES CORPORATION	10/24/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TRUIST BANK	
<b>Street Address:</b>	214 N. TRYON STREET	
<b>City:</b>	CHARLOTTE	
<b>State/Country:</b>	NORTH CAROLINA	
<b>Postal Code:</b>	28202	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	7519214	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(704)332-1197	
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<b>Phone:</b>	704-375-0057	
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<b>Correspondent Name:</b>	SHUMAKER, LOOP & KENDRICK, LLP	
<b>Address Line 1:</b>	101 SOUTH TRYON STREET	
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<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28280	
<b>ATTORNEY DOCKET NUMBER:</b>	317195-270394-133US	
<b>NAME OF SUBMITTER:</b>	PATRICK B. HORNE	
<b>SIGNATURE:</b>	/Patrick B. Horne/	
<b>DATE SIGNED:</b>	10/25/2022	
<b>Total Attachments: 2</b>		
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Recordable Patent Assignment and Reservation

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement Reference No. L220879 between the parties with an effective time and date of 11:59pm United States Eastern Time on October 7, 2022 ("Effective Time & Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York corporation having a place of business at New Orchard Road, Armonk, New York, 10504, U.S.A. (hereinafter "ASSIGNOR"), grants and assigns Truist Bank, a North Carolina corporation having a place of business at 214 N. Tryon Street, Charlotte, NC 28202, U.S.A. (hereinafter "ASSIGNEE"), all of IBM's right, title and interest in and to the United States Letters Patents identified in Exhibit A-I, attached hereto (hereinafter, collectively, "ASSIGNED PATENTS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, including the right to sue for injunctive relief and damages for any past, present, or future infringement of the ASSIGNED PATENTS, and the sole right to sue therefore under such ASSIGNED PATENTS, for the full term or terms of all such ASSIGNED PATENTS, subject to all rights granted under the ASSIGNED PATENTS to third parties prior to said Effective Time & Date.

ASSIGNOR hereby reserves and retains, for the benefit of itself and its subsidiaries and its and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment and Reservation to be duly signed on its behalf.

E-SIGNED by Lisa M. Regan  
Signature: \_\_\_\_\_

2022-10-24  
Date: \_\_\_\_\_

Name: Lisa M. Regan

Title: Vice President, Finance and Operations for IBM Research and Intellectual Property

## EXHIBIT A-I

### ASSIGNED PATENTS:

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
CHA920010012US1	US	8526751	09/939066	8/24/2001	9/3/2013
CHA920040008US1	US	7336813	10/832177	4/26/2004	2/26/2008
CHA920040008US2	US	7519214	11/930980	10/31/2007	4/14/2009
*CHA920040008US3	US	7684646	12/255782	10/22/2008	3/23/2010
CHA920060004US1	US	8136721	11/383072	5/12/2006	3/20/2012
CN920140118US1	US	9760797	14/832140	8/21/2015	9/12/2017
IN920120047US1	US	8606701	13/459973	4/30/2012	12/10/2013
SOM920030002US1	US	7283644	10/607659	6/27/2003	10/16/2007
SOM920030002US2	US	7899210	11/842215	8/21/2007	3/1/2011

\*inactive

END OF EXHIBIT A-I