

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7142436

<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		01/11/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HYUNDAI MOTOR COMPANY	
<b>Street Address:</b>	12, HEOLLEUNG-RO, SEOCHO-GU	
<b>City:</b>	SEOUL	
<b>State/Country:</b>	KOREA, REPUBLIC OF	
<b>Postal Code:</b>	06797	
<b>Name:</b>	KIA CORPORATION	
<b>Street Address:</b>	12, HEOLLEUNG-RO, SEOCHO-GU	
<b>City:</b>	SEOUL	
<b>State/Country:</b>	KOREA, REPUBLIC OF	
<b>Postal Code:</b>	06797	
<b>PROPERTY NUMBERS Total: 26</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	8959357	
Patent Number:	10346676	
Patent Number:	10043058	
Patent Number:	10169879	
Patent Number:	9972096	
Patent Number:	10988143	
Patent Number:	10921812	
Patent Number:	10953888	
Patent Number:	7437297	
Patent Number:	7729920	
Patent Number:	8108666	
Patent Number:	8265342	
Patent Number:	8494223	
Patent Number:	8510296	
Patent Number:	8600986	

Property Type	Number
Patent Number:	8943051
Patent Number:	9015031
Patent Number:	8880388
Patent Number:	10255453
Patent Number:	9934397
Patent Number:	9497202
Patent Number:	9858404
Patent Number:	9747430
Patent Number:	10065658
Patent Number:	10162059
Patent Number:	10209363

**CORRESPONDENCE DATA**

Fax Number: (202)739-3001

*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.*

Phone: 2027393000

Email: wapatents@morganlewis.com, angie.ellis@morganlewis.com

Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP

Address Line 1: 1111 PENNSYLVANIA AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	123222-5000-US IBM 011122
NAME OF SUBMITTER:	ANGELA Y. ELLIS
SIGNATURE:	/Angela Y. Ellis/
DATE SIGNED:	01/26/2022

**Total Attachments: 2**

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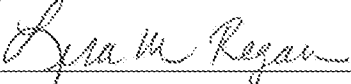
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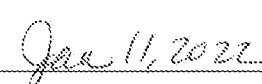
Form of Recordable Patent Assignment and Reservation

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement Reference No. L210727 between the Parties with an effective time and date of 11:59pm United States Eastern Time on December 29, 2021 ("Effective Time & Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York corporation having a place of business at 1 New Orchard Road, Armonk, New York (hereinafter "ASSIGNOR"), hereby grants and assigns to HYUNDAI MOTOR COMPANY (KIA CORPORATION), a Korean corporation having a place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea (hereinafter "ASSIGNEE"), all of ASSIGNOR's right, title and interest in and to the United States Letters Patents identified in Exhibits A and the United States patent applications identified in Exhibit C, attached hereto, and all rights pursuant to 35 U.S.C. § 154 and any and all Letters Patent issuing therefrom (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 all past, present, and future causes of action and claims for damages and injunctive relief for infringement of any of the Assigned Patents and the sole right to sue therefor 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.

Signature: 

Date: 

Name: Lisa M. Regan

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

**EXHIBIT A-1**

**LISTED PATENTS:**

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
CHA920100009US1	US	8959357	12/837157	7/15/2010	2/17/2015
END920150321US02	US	10346676	15/933894	3/23/2018	7/9/2019
END920150321US1	US	10043058	15/065021	3/9/2016	8/7/2018
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IL920150054US1	US	9972096	15/182017	6/14/2016	5/15/2018
IN820170098US01	US	10988143	15/686992	8/25/2017	4/27/2021
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*YOR920040567US2	US	7729920	12/103560	4/15/2008	6/1/2010
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*YOR920080747US1	US	8265342	12/428586	4/23/2009	9/11/2012
YOR920080747US2	US	8494223	13/459940	4/30/2012	7/23/2013
YOR920100534US2	US	8510296	13/242290	9/23/2011	8/13/2013
YOR920100534US3	US	8600986	13/597795	8/29/2012	12/3/2013
YOR920100534US4	US	8943051	13/920513	6/18/2013	1/27/2015
YOR920110549US2	US	9015031	13/552260	7/18/2012	4/21/2015
YOR920110549US3	US	8880388	13/596636	8/28/2012	11/4/2014
YOR920150724US05	US	10255453	15/876307	1/22/2018	4/9/2019
YOR920150724US1	US	9934397	14/968972	12/15/2015	4/3/2018
YOR920150724US2	US	9497202	15/063116	3/7/2016	11/15/2016
YOR920150724US3	US	9858404	15/403201	1/11/2017	1/2/2018
*YOR920150724US4	US	9747430	15/403202	1/11/2017	8/29/2017
YOR920160113US1	US	10065658	15/161649	5/23/2016	9/4/2018
YOR920150016US1	US	10162059	14/672855	3/30/2015	12/25/2018
YOR920150016US2	US	10209363	14/745650	6/22/2015	2/19/2019

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**END OF EXHIBIT A-1**

**PATENT**

**RECORDED: 01/26/2022**

**REEL: 058780 FRAME: 0255**