505808165 12/06/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNG-BOEM PARK	12/08/2017
AMIR NAHIR	11/30/2017
VITALI SOKHIN	11/29/2017
WISAM KADRY	11/29/2017
JIN SUNG PARK	12/08/2017
ARA CHO	12/11/2017

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	dress: NEW ORCHARD ROAD	
City:	ARMONK	
State/Country:	NEW YORK	
Postal Code:	10504	
Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	DSR B TOWER 26F, 1-1 SAMSUNGJEONJA-RO	
	GYEONGGI-DO, HWASEONG-SI	
City:	GYEONGGI-DO, HWASEONG-SI	
City: State/Country:	GYEONGGI-DO, HWASEONG-SI KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16705981

CORRESPONDENCE DATA

Fax Number: (631)844-0081

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: 6318440080

Email: fkuhner@tb-iplaw.com

Correspondent Name: TUTUNJIAN & BITETTO, P.C.

Address Line 1: 401 BROADHOLLOW ROAD, SUITE 402

Address Line 4: MELVILLE, NEW YORK 11747

PATENT REEL: 051204 FRAME: 0990

505808165

ATTORNEY DOCKET NUMBER:	665-26C
NAME OF SUBMITTER:	JOHN G. TUTUNJIAN
SIGNATURE:	/John G. Tutunjian/
DATE SIGNED:	12/06/2019
Total Attachments: 4	
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ASSIGNMENT

In consideration of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Sung-Boem Park; Amir Nahir; Vitali Sokhin; Wisam Kadry; Jin Sung Park and Ara Cho (hereinafter referred to as "Assignor(s)"):

Hereby sell, assign and transfer to SAMSUNG ELECTRONICS Co., LTD., having a place of business at DSR B Tower 26F, 1-1 Samsungjeonja-ro, Hwaseong-si, Gyeonggi-do, 445-330, South Korea and INTERNATIONAL BUSINESS MACHINES CORPORATION, having a place of business at Armonk, New York (hereinafter referred to as "Assignees"), their successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith entitled:

VALIDATION OF MULTIPROCESSOR HARDWARE COMPONENT

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignees may apply for and receive Letters Patent for said improvements in their own name, and that, when requested, without charge to but at the expense of said Assignees, their successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and said improvements; execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said

Assignces, their successors, assigns and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignces, their successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignces, their successors, assigns and legal representatives; and

Covenant with said Assignees, their successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	/2/08/20/7 Month/Day/Year	The second secon	# To
	Month/Day/Year	Sang-Boem Park	
		OC설계팀(S. <mark>스마/오아</mark> 바/12241871	ağınleyiciniye.
Date:	manusanin sasta pajiman njërna ngjara njërja tiqi i i i i i i i jeji i i i i i jeji i i i		
	Month/Day/Year	Vitali Sokhin	- metalik darakan
Date:			
·	Month/Day/Year	Wisanı Kadry	promitivity (1992)
Date:	1-10812410	Jrn Sung Parks	en e
	Month/Day/Year	Jin Sung Park	
Date:	12/11/2017	A	
	Month/Day/Year	Ara Cho	

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Jates	
Month/Day/Year	Sung-Boem Park
Date: Nov 18/2017 Month/Day/Rear	Amic Hann
Date: 11/29/20/7 Month/Day/Year	Vitali Sokhin
Date:	Wisam Kadry
Date;Month/Day/Year	Jin Sung Park
Pate:	Ara Cho
Month/Day/Year	

Assignees, their successors, assigns and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignees, their successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignees, their successors, assigns and legal representatives; and

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Date:		
	Month/Day/Year	Sung-Boem Park
Date:		
	Month/Day/Year	Amir Nahir
Date:		
	Month/Day/Year	Vitali Sokhin
Date:	11 /29/2014 Month/Day/Year	
	Month/Day/Year	Wisam Kadry
Date:		
	Month/Day/Year	Jin Sung Park
Date:		
	Month/Day/Year	Ara Cho

RECORDED: 12/06/2019