505693880 09/26/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIN ZHANG	09/20/2019

RECEIVING PARTY DATA

Name:	LENOVO (BEIJING) CO., LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16584462

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ATTORNEY DOCKET NUMBER:	00223.0205.00US
NAME OF SUBMITTER:	AKIKO YOSHIDA
SIGNATURE:	/Akiko Yoshida/
DATE SIGNED:	09/26/2019

Total Attachments: 2

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PATENT 505693880 REEL: 050506 FRAME: 0989

ASSIGNMENT AND DECLARATION

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

ELECTRONIC DEVICE for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on ______(Application No. ______); and WHEREAS, Lenovo (Beijing) Co., Ltd., a limited company of P. R. China whose post office address is No.6, Shang Di West Road, Haidian District, Beiling 100085, P.R. China (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application; NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. (if any), and this application, and all divisions, substitutions, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon. and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment; AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful paths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns. AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the

Anova	Law Group, PLLC	00223.0205.00US			, ~9,0 ~		
	Further, as a below named inventor, I hereby declare that:						
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	The above-identifi	ed application was made or	authorized to be	e made by me.			
applica		the original inventor or an o	riginal joint invei	ntor of a claimed invent	ion in the		
claims.		nd understand the contents	of the above-ide	ntified application, incli	uding the		
informa	le of Federal Regul ation which became	duty to disclose information ations § 1.56, including for c available between the filing te of the continuation-in-part	ontinuation-in-pa data of the prio	art applications, materi	al		
18 U.S		dge that any willful false sta r imprisonment of not more t			shable under		
	IN TESTIMONY V	VHEREOF, I/We have hereu	into set our hand	is.			
	Inventor 1 Legal Name:	Xin ZHANG					
		Xin ZHANG Xin ZHANG	Date:	2019.9.20			
	Legal Name:		Date:		*		
accomp	Legal Name: Signature:		including naming	the entire inventive entity,	must		

PATENT REEL: 050506 FRAME: 0991

RECORDED: 09/26/2019