PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUANCHENG WANG	07/04/2018
LIANG YANG	07/04/2018

RECEIVING PARTY DATA

Name:	LENOVO (BEIJING) CO., LTD.
Street Address:	NO. 6, SHANG DI WEST ROAD, HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100085

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16025674	

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NAME OF SUBMITTER:	LUCILLA FAN
SIGNATURE:	/Lucilla Fan/
DATE SIGNED:	07/05/2018

Total Attachments: 2

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PATENT 504989689 REEL: 046267 FRAME: 0559

ASSIGNMENT AND DECLARATION

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

METHOD, ELECTRONIC DEVICE, AND COMPUTER-READABLE STORAGE MEDIUM FOR MANAGING STORAGE DEVICE OF 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, <u>Lenovo</u> (Beijing) <u>Co., Ltd.</u> , a limited company of <u>P. R. China</u> whose post office address is <u>No.6</u> , <u>Shang Di West Road</u> , <u>Haidian District</u> , <u>Beijing 100085</u> , <u>P.R. China</u> (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.
filed (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

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 oaths 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 Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. <u>16/025,674</u>, filed on <u>July 2, 2018</u>) the filing date and application number of said application when known.

Anova Law Group, PLLC 0	0223.0090.00US			raye z
Further, as a below	named inventor, I hereby de	clare that	6. '	
	directed to the application att mber ched hereto, the application i			
If the application is not atta number as set forth above		s as ident	ified above or by the attorr	ney docket
The above-identifie	ed application was made or a	uthorized	to be made by me.	
I believe that I am application.	the original inventor or an orig	ginal joint	inventor of a claimed inver	ation in the
I have reviewed an claims.	d understand the contents of	the above	e-identified application, inc	luding the
37,Code of Federal Regula information which became	duty to disclose information vitions § 1.56, including for collable between the filing depth of the continuation-in-part a	ntinuation ata of the	in-part applications, mater prior application and the r	rial
	ige that any willful false state imprisonment of not more the			ishable under
IN TESTIMONY W	HEREOF, I/We have hereun	to set our	hands.	
Inventor 1 Legal Name:	Yuancheng WANG			
Signature:	Yuancheng Wang	Date:	2018.7.4	······································
Inventor 2 Legal Name:	Liang YANG			
Signature:	Liang Yang	Date:	2018.7.4	