PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JING HAN	07/16/2020
XIAODONG YU	07/16/2020
LIANHAI WU	07/16/2020
HAIMING WANG	07/16/2020
HAIPENG LEI	07/16/2020

RECEIVING PARTY DATA

Name:	LENOVO (BEIJING) LIMITED
Street Address:	6 SHANGDI WEST ROAD
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100085

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16966080	

CORRESPONDENCE DATA

Fax Number: (801)531-1929

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.

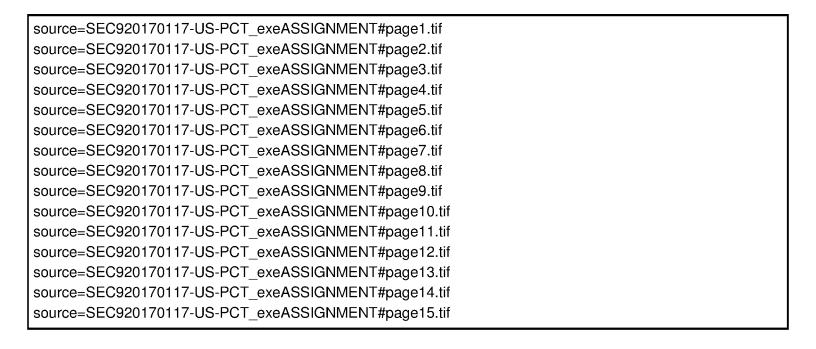
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ATTORNEY DOCKET NUMBER:	SEC920170117-US-PCT
NAME OF SUBMITTER:	MICHAEL L. BARTHOLOMEW
SIGNATURE:	/Michael L. Bartholomew/
DATE SIGNED:	07/30/2020

Total Attachments: 15



ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Jing Han, Beijing, CHINA; Xiaodong Yu, Beijing, CHINA; Lianhai Wu, Beijing, CHINA; Haiming Wang, Beijing, CHINA; and Haipeng Lei, Beijing, CHINA; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto Lenovo (Beijing) Limited, a corporation of China, having a place of business at 6 Shangdi West Road, Haidian District, Beijing, China 100085, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions described, illustrated and claimed in the following applications:

U.S. Application filed herein and entitled: "METHOD AND APPARATUS FOR RESOURCE COLLISION AVOIDANCE ON SIDELINK"; and

International Application PCT/CN2018/074773, filed on January 31, 2018 entitled "METHOD AND APPARATUS FOR RESOURCE COLLISION AVOIDANCE ON SIDELINK".

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and I further authorize Assignee to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or reexaminations of such application(s).

I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters Patent filed

I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application, divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize Assignee to request the equivalent authorities in foreign countries to issue the patents of their respective countries to Assignee.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

(1)	Legal Name of Inventor: Jing Han	
	Signature: Jing Han	Date:Date
(2)	Legal Name of Inventor: Xiaodong Yu	
	Signature:	Date:
(3)	Legal Name of Inventor: Lianhai Wu	
	Signature:	Date:

(4)	Legal Name of Inventor: Haiming Wang		
	Signature:	Date:	
(5)	Legal Name of Inventor: Haipeng Lei		
	Signature:	Date:	

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(1) Legal Name of Inventor: Jing Han	
Signature:	Date:
(2) Legal Name of Inventor: Xiaodong Yu Signature:	Date:
(3) Legal Name of Inventor: Lianhai Wu	
Signature:	Date:

(4) Legal Name of Inventor: Haiming Wang	Legal Name of Inventor: Haiming Wang		
Signature:	Date:		
(5) Legal Name of Inventor: Haipeng Lei			
Signature:	Date:		

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(1)	Legal Name of Inventor: Jing Han		
	Signature:	_Date:_	
(2)	Legal Name of Inventor: Xiaodong Yu		
	Signature:	_Date:_	
(3)	Legal Name of Inventor: Lianhai Wu		
	Signature: Liankai Wu	Date:	20200716

(4) Legal Name of Inventor: Haiming Wang	Legal Name of Inventor: Haiming Wang		
Signature:	Date:		
(5) Legal Name of Inventor: Haipeng Lei			
Signature:	Date:		

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(1)	Legal Name of Inventor: Jing Han		
	Signature:	_ Date:	
(2)	Legal Name of Inventor: Xiaodong Yu		
	Signature:	_ Date:	
(3)	Legal Name of Inventor: Lianhai Wu		
	Signature:	Date:	

(4) Legal Name (of Inventor: Haiming Wang	ang		
Signature:	Haiming Wang	Date:	Jul.16th,2020	***************************************
(5) Legal Name (of Inventor: Haipeng Lei			
Signature:			Date:	

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	Signature:	Date:		
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	Signature:	Date:		
(3)	Legal Name of Inventor: Lianhai Wu			
	Signature:	Date:		

(4) Legal Name	of Inventor: Haiming Wang		
Signature:		Date:	
(5) Legal Name	of Inventor: Haipeng Lei		
Signatura:	Haipeng Lei	Data	July 16, 2020

Page 3 of 3