# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6598043

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MINGWEI XU	02/20/2021
NAN GENG	02/20/2021
YUAN YANG	02/20/2021
ENHUAN DONG	02/20/2021

### **RECEIVING PARTY DATA**

Name:	TSINGHUA UNIVERSITY
Street Address:	QINGHUAYUAN
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100084

# **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	17249432	

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:KEVIN J. CARROLLSIGNATURE:/Kevin J. Carroll/DATE SIGNED:03/12/2021	ATTORNEY DOCKET NUMBER:	KET NUMBER: ZHI002	
	NAME OF SUBMITTER:	KEVIN J. CARROLL	
<b>DATE SIGNED:</b> 03/12/2021	SIGNATURE:	/Kevin J. Carroll/	
	DATE SIGNED:	03/12/2021	

**Total Attachments: 3** 

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#### ASSIGNMENT OF UNITED STATES PATENT APPLICATION

WHEREAS, We, Mingwei XU, Nan GENG, Yuan YANG, Enhuan DONG, made certain new and useful inventions and improvements for which We filed, or will be filing, an application for Letters Patent of the United States, identified as U.S. patent application serial number 17/249,432 filed on March 2, 2021, which application is entitled:

# METHOD AND SYSTEM FOR IMPLEMENTING L3VPN BASED ON TWO-DIMENSIONAL ROUTING PROTOCOL

AND, WHEREAS, We hereby authorize and request an attorney associated with Customer Number 32047 to insert on the designated lines above, the filing date and application number of said application when known;

AND, WHEREAS, TSINGHUA UNIVERSITY a corporation organized and existing under and by virtue of the laws of China, and having an office and place of business at Qinghuayuan Haidian District Beijing 100084, China (hereinafter "Assignees"), are desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, We have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignees, their successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed under the Patent Cooperation Treaty, in any regional patent offices and in any foreign countries for Letters Patent on the said

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inventions and improvements, including an assignment of all rights under the provisions of the

International Convention, and all Letters Patent of foreign countries which may be granted there

from; and We do hereby authorize and request the Commissioner of Patents and Trademarks to

issue any and all United States Letter Patent for the aforesaid inventions and improvements to

the said Assignees as the assignees of the entire right, title and interest in and to the same, for the

use of the said Assignees, its successors and assigns.

AND, for the consideration aforesaid, We do hereby agree that We and our executors and

legal representatives will make, execute and deliver any and all other instruments in writing

including any and all further application papers, affidavits, assignments and other documents,

and will communicate to said Assignees, their successors and representatives all facts known to

us relating to said improvements and the history thereof and will testify in all legal proceedings

and generally do all things which may be necessary or desirable more effectually to secure to and

vest in said Assignees, their successors or assigns the entire right, title and interest in and to the

said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and

advantages hereby sold, assigned and conveyed, or intended so to be;

AND, furthermore, We covenant and agree with said Assignees, their successors and

assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and

property herein conveyed has been made to others by us and that full right to convey the same as

herein expressed is possessed by us.

AND, as a named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed

invention in the application.

I have reviewed and understand the contents of the application, including the

claims, and I am aware of the duty to disclose to the Office all information known

to the person to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, I have I	nereunto set my hand this 2014 day of	<u>Feb.</u> , 20 <u>21</u>
	Wingvei Xu	
	Mingwei XU	
IN TESTIMONY WHEREOF, I have I	nereunto set my hand this 2001 day of	<b>16</b> €,2024
	Non Gorg	
	Nan GENG	
IN TESTIMONY WHEREOF, I have I	nerconto set my hand this 2014 day of	Feb. ,2021
	Year Your	
	Yuan YANG	
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	Enhum Org	
	Enhuan DONG	

PATENT REEL: 055574 FRAME: 0834

**RECORDED: 03/12/2021**