PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3816127

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| HAO YIN | 03/17/2016 |
| XU ZHANG | 03/23/2016 |
| HONGQIANG LIU | 03/23/2016 |

RECEIVING PARTY DATA

| Name: | TSINGHUA UNIVERSITY | |
|-----------------|---------------------------------------|--|
| Street Address: | TSINGHUA UNIVERSITY, HAIDIAN DISTRICT | |
| City: | BEIJING | |
| State/Country: | CHINA | |
| Postal Code: | 100084 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 15027358 | |

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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: 6123325300

Email: kschultz@merchantgould.com

Correspondent Name: TONG WU **Address Line 1:** P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

| ATTORNEY DOCKET NUMBER: | 14565.0061FPWO | |
|-------------------------|----------------|--|
| NAME OF SUBMITTER: | TONG WU | |
| SIGNATURE: | /Tong Wu/ | |
| DATE SIGNED: | 04/05/2016 | |

Total Attachments: 2

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PATENT 503769483 REEL: 038196 FRAME: 0062

| INSTRUCTIONS | ASSIGNMENT TO CORPORATION | | |
|--|--|--|--|
| | WHEREAS, | | |
| Inventor(s) Name, Address, Citizenship | 1. Hao YIN residing at Room 3-406, FIT Building, Tsinghua University, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 2. Xu ZHANG residing at Room 3-429, FIT Building, Tsinghua University, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 3. Hongqiang LIU residing at Room 3-429, FIT Building, Tsinghua University, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; | | |
| Check the appropriate box and fill in the requested information: • select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution; • select the second check box if the application will be filed without the executed assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation; • select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or | (herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled METHOD AND APPARATUS FOR DEPLOYING EDGE SERVERS and which: | | |
| application. Name of Corporation | AND TSINGHUA UNIVERSITY (herein called "ASSIGNEE"), a corporation | | |
| | organized under the laws of <u>P.R. China</u> , and having an office and place of business at <u>Tsinghua University</u> , <u>Haidian District</u> , <u>Beijing 100084</u> , <u>P.R. China</u> | | |
| | wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor; | | |
| | NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for | | |

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all coveries in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be grassed therefrom, and all refiscuos or extensions of such patents, and in and to any and all applications which have been or shall be filled in all countries for Letters Patent on the said invention including as estignment of all tights under the provisions of the laternational Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their associators and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its securities and other documents, and will communicate to said ASSIGNEE relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest use ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Lesters Patent, rights, title and interest in and to the said invention, applications, Lesters Patent, rights, title and entered to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment gram, mongage, license or other agreement affecting the rights and property herein conveyed has been as will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have because see their band on the dates indicated before.

Each lavestor mass sign & date Note: Ho legalization or other

| witness resulted Name: <u>Hao YIN</u> | Signatures How Yiri | Date: 3/7/2016 |
|--|-------------------------|-----------------|
| №8888: Xu ZHANG | Signature: Xu Wiling | Date: 3/23/2316 |
| Name: Hongqiang LIU | Signature: Hongbay Lu | Date: 3/25/20/6 |

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