

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7680014

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAOLI KANG	09/15/2022
DESHAN MIAO	09/15/2022
HAI BI	08/19/2022
SHAOHUI SUN	08/18/2022
YINGMIN WANG	08/18/2022
RECEIVING PARTY DATA	
Name:	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
Street Address:	1/F, BUILDING 1, NO.5, SHANGDI EAST ROAD
City:	HAIDIAN DISTRICT, BEIJING
State/Country:	CHINA
Postal Code:	100085
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17928245
CORRESPONDENCE DATA	
Fax Number:	(323)266-0373
<i>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.</i>	
Phone:	3239342300
Email:	LA_Mail@la.ladas.com
Correspondent Name:	LADAS & PARRY LLP
Address Line 1:	4525 WILSHIRE BLVD., SUITE 240
Address Line 4:	LOS ANGELES, CALIFORNIA 90010
ATTORNEY DOCKET NUMBER:	634045-8 DNZ/JF
NAME OF SUBMITTER:	DAIFEI ZHANG
SIGNATURE:	/Daifei Zhang 79,356/
DATE SIGNED:	12/06/2022
Total Attachments: 10	
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**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	CONTROL METHOD AND CONTROL DEVICE IN HETEROGENEOUS THREE-DIMENSIONAL HIERARCHICAL NETWORK, AND COMMUNICATION SYSTEM
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration</p> <p>is directed to: <input checked="" type="checkbox"/> The attached application, or</p> <p style="padding-left: 100px;"><input type="checkbox"/> United States application or PCT international application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p>	

I hereby authorize and request my attorney or representative to insert here in
parentheses (patent Application number 17/928245, filed 11/28/2022) the filing
date and application number of said US application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and
adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter
referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to DATANG MOBILE COMMUNICATIONS
EQUIPMENT CO., LTD., having a place of business at 1/F, Building L, No.5 Shangdi
East Road, Haidian District, Beijing 100085, China, (hereinafter referred to as
"ASSIGNEE") the entire right, title and interest for the United States and all foreign
countries in and to any and all inventions which are disclosed in the above-identified
application for United States Letters Patent, which has been executed by the undersigned
concurrently herewith, which is a national phase filing of PCT/CN2021/092382 filed on
May 8, 2021; which in turn claims priority to CN202010524153.1 filed on June 10, 2020;
such applications and all divisional, continuing, substitute, renewal, reissue and all other
applications for patent which have been or shall be filed in the United States and all
foreign countries on any of such inventions; all original and reissued patents which have
been or shall be issued in the United States and all foreign countries on such inventions;
and specifically including the right to file foreign applications under the provisions of any
convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United
States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of Ladas & Parry LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Shaoli KANG</u>	Date: <u>2022.9.15</u>
Signature: <u>Shaoli Kang</u>	

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

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LEGAL NAME OF INVENTOR	
Inventor: <u>Deshan MIAO</u>	Date: <u>2022.9.15</u>
Signature: <u>Deshan Miao</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Hai Bi</u>	Date: <u>2022.8.19</u>
Signature: <u>Hai Bi</u>	

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LEGAL NAME OF INVENTOR
Inventor: <u>Shaohui SUN</u> Date: <u>2022.8.18</u>
Signature: <u>SUN, Shaohui</u>

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yingmin WANG</u>	Date: <u>Aug. 18th, 2022</u>
Signature: <u>Yingmin WANG</u>	