

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6506121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
REN DA	11/25/2020
FANG-CHEN CHENG	11/26/2020
HUI LI	11/30/2020
XUEYUAN GAO	11/25/2020
BIN REN	11/30/2020
QIUBIN GAO	11/27/2020
DESHAN MIAO	11/30/2020
RECEIVING PARTY DATA	
Name:	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO.,LTD.
Street Address:	NO.29 XUEYUAN RD.,HAIDIAN DISTRICT,
City:	BEIJING
State/Country:	CHINA
Postal Code:	100083
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17261846
CORRESPONDENCE DATA	
Fax Number:	
<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:	415-576-0200
Email:	liwang@kilpatricktownsend.com
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP - WES
Address Line 1:	1100 PEACHTREE STREET
Address Line 2:	SUITE 2800
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	094488-1234207(032300US)
NAME OF SUBMITTER:	LICCA WANG
SIGNATURE:	/Licca Wang/
DATE SIGNED:	01/20/2021

PATENT

Total Attachments: 6

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ASSIGNMENT
(Patent Application)

We [I], the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

**METHOD AND DEVICE FOR TRANSMITTING POSITIONING REFERENCE
SIGNAL**

the specification of which is provided with this Assignment and identified by the Attorney Docket No. above. (Serial No. 17/261,846 filed on January 20, 2021)

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we [I] acknowledge, we [I]:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD., a corporation of China having a principal place of business at NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R.China, ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

ASSIGNMENT

Attorney Docket No. 094488-1234207(032300US)

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- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us [me], as well as our [my] heirs, legal representatives, and assigns.
 5. Promise and affirm that we [I] have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
 6. Authorize Kilpatrick Townsend & Stockton to insert above the attorneydocket number as well as the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside our [my] signatures [signature].

ASSIGNMENT

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CATT181116-CATT181116-1-US/TD201109027US3

Signature: _____

DA, Ren

Date: _____

Signature: _____

CHENG, Fang-Chen

Date: _____

Signature: Li Hui

LI, Hui

Date: 2020.11.30

Signature: _____

GAO, Xueyuan

Date: _____

Signature: REN Bin

REN, Bin

Date: 2020.11.30

Signature: GAO Qiubin

GAO, Qiubin

Date: 2020.11.27

Signature: Miao Deshan

MIAO, Deshan

Date: 2020.11.30

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Attorney Docket No. 094488-1234207(032300US)

Page 3 of 3

CATT181116-CATT181116-1-US/TD201109027US3

Signature: Ren Da
DA, Ren

Date: 2020.11.25

Signature: _____
CHENG, Fang-Chen

Date: _____

Signature: _____
LI, Hui

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GAO, Xueyuan

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Page 3 of 3

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DA, Ren

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CHENG, Fang-Chen

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LI, Hui

Date: _____

Signature: GAO Xueyuan

GAO, Xueyuan

Date: 2020.11.25

Signature: _____

REN, Bin

Date: _____

Signature: _____

GAO, Qiubin

Date: _____

Signature: _____

MIAO, Deshan

Date: _____