504707954 12/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4754676

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR'S NAME previously recorded on Reel 044462 Frame 0566. Assignor(s) hereby confirms the CORRECT NAME IS XIAO PENG.

CONVEYING PARTY DATA

Name	Execution Date
JUN XIONG	02/27/2017
PENG XIAO	02/22/2017
JIELI WANG	02/22/2017
TAO DUAN	02/22/2017

RECEIVING PARTY DATA

Name:	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD
Street Address:	NO.29 XUEYUAN RD.
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100083

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15738799

CORRESPONDENCE DATA

(215)656-2498 Fax Number:

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: 215-656-3381

Email: pto.phil@dlapiper.com

Correspondent Name: T. DANIEL CHRISTENBURY

Address Line 1: ONE LIBERTY PLACE

Address Line 2: 1650 MARKET STREET, SUITE 4900 Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	TDP-17-1639
NAME OF SUBMITTER:	CAROL CONEY
SIGNATURE:	/cc/
DATE SIGNED:	12/29/2017

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 22, 2017

PTAS

IP GROUP OF DLA PIPER LLP (US) ONE LIBERTY PLACE 1650 MARKET ST, SUITE 4900 PHILADELPHIA, PA 19103

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RECORDATION DATE: 12/21/2017

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NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER:

TDP-17-1639 (380287-061)

ASSIGNOR:

XIONG, JUN

DOC DATE: 02/27/2017

ASSIGNOR:

PENG, XIAO

DOC DATE: 02/22/2017

ASSIGNOR:

WANG, JIELI

DOC DATE: 02/22/2017

ASSIGNOR:

DUAN, TAO

DOC DATE: 02/22/2017

ASSIGNEE:

DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD. NO.29 XUEYUAN ROAD HAIDIAN DISTRICT BEIJING, CHINA 100083

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV

REEL: 044996 FRAME: 0481

APPLICATION NUMBER: 15738799

PATENT NUMBER:

TITLE: DPD SYSTEM

FILING DATE: ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION



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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUN XIONG	02/27/2017
XIAO PENG	02/22/2017
JIELI WANG	02/22/2017
TAO DUAN	02/22/2017

RECEIVING PARTY DATA

Name:	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
Street Address:	NO.29 XUEYUAN ROAD
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100083

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15738799

PATENT 12/21/2017

REEL: 044996 FRAME: 0483

CORRESPONDENCE DATA		
Phone: 215-0 Email: pto.p Correspondence will be sent to the e-mail provided; if that is unsuccessful, it will be Correspondent Name: IP Gi Address Line 1: ONE Address Line 2: 1650	one: 215-656-3381 pto.phil@dlapiper.com rrespondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if wided; if that is unsuccessful, it will be sent via US Mail. rrespondent Name: IP GROUP OF DLA PIPER LLP (US) dress Line 1: ONE LIBERTY PLACE dress Line 2: 1650 MARKET ST, SUITE 4900	
ATTORNEY DOCKET NUMBER:	TDP-17-1639 (380287-061)	
NAME OF SUBMITTER: LESLIE J. HOOD		
Signature: /LJH/		
Date:	12/21/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4 source=CombinedDeclarationAssignment#page1.tif source=CombinedDeclarationAssignment#page2.tif source=CombinedDeclarationAssignment#page3.tif source=CombinedDeclarationAssignment#page4.tif		
RECEIPT INFORMATION EPAS ID: PAT4746613		
Receipt Date: 12/2	1/2017	

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PATENT 12/21/2017

REEL: 044996 FRAME: 0484

COMBINED DECLARATION/ASSIGNMENT

WHEREAS, we

XIONG, Jun	01	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China	_
XIAO, Peng	of	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China	
WANG, Jieli	of	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China	
DUAN, Tao	of_	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China	
(hereinafter referred	to	as "the undersigned"), have made an invention entitledDP	D
SYSTEM , iden	tified	in International Application No. PCT/CN2016/086030	;
and US Application	No	15/738,799 , (DLA Piper is authorized to insert the U	JS
Serial No. when knov	vn).	·	

the above-identified application was made or authorized to be made by the persons executing this Declaration;

we believe that we are the original joint inventors of a claimed invention in the application;

we hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, <u>DATANG MOBILE COMMUNICATIONS EQUIPMENT CO.,LTD</u>, with offices at <u>NO.29 Xueyuan Rd.,Haidian District,Beijing,100083,P.R.China</u> (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If

EAST\52654085.1

the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the dates set forth below.

2017. 2.27 Date	XIONG, Jun
Date	XIAO, Peng
Date	WANG, Jieli
Date	DUAN Tao

COMBINED DECLARATION/ASSIGNMENT

WHEREAS, we

XIONG, Jun	or	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China
XIAO, Peng	of	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China
WANG, Jieli	of	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China
DUAN, Tao	of	NO.29 Xueyuan Rd., Haidian District, Beijing, 100083, P.R. China

(hereinafter referred to as "the undersigned"), have made an invention entitled <u>DPD SYSTEM</u>, identified in International Application No. PCT/ <u>CN2016/086030</u>, and US Application No. 15/738,799, (DLA Piper is authorized to insert the US Serial No. when known),

the above-identified application was made or authorized to be made by the persons executing this Declaration;

we believe that we are the original joint inventors of a claimed invention in the application;

we hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, <u>DATANG MOBILE COMMUNICATIONS EQUIPMENT CO.,LTD</u>, with offices at <u>NO.29 Xueyuan Rd.,Haidian District,Beijing,100083,P.R.China</u> (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If

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the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the dates set forth below.

Date	XIONG, Jun
Zo1), 2.22 Date	XIAO, Peng
Date	Wang Jieli WANG, Jieli
2017. 2. 2 ²	Dun, Tas

EAST\52654085,1

RECORDED: 12/29/2017

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