505514033 06/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5560838

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LITAO CHEN	05/16/2019
BIN GAO	05/16/2019
PEITAO LIU	05/16/2019
GUOSHENG SU	05/16/2019

RECEIVING PARTY DATA

Name:	COMBA TELECOM TECHNOLOGY (GUANGZHOU) LTD.
Street Address:	6 JINBI ROAD, ECONOMIC AND TECHNOLOGICAL
Internal Address:	DEVELOPMENT DISTRICT
City:	GUANGZHOU, GUANGDONG
State/Country:	CHINA
Postal Code:	510663
Name:	COMBA TELECOM SYSTEMS (CHINA) LTD.
Street Address:	NO. 10 SHENZHOU ROAD
Internal Address:	SCIENCE CITY
City:	GUANGZHOU, GUANGDONG
State/Country:	CHINA
Postal Code:	510663
Name:	TIANJIN COMBA TELECOM SYSTEMS LTD.
Street Address:	ROOM 301, BUILDING 1, NO. 94 CHANGJIANG STREET
Internal Address:	NANKAI DISTRICT
City:	TIANJIN
State/Country:	CHINA
Postal Code:	300192

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16462652

CORRESPONDENCE DATA

Fax Number: (908)654-7866

PATENT REEL: 049402 FRAME: 0124

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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.

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ATTORNEY DOCKET NUMBER:	9LIFAN 3.3F-035
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C, Cormier/
DATE SIGNED:	06/07/2019

Total Attachments: 4

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> PATENT REEL: 049402 FRAME: 0125

former PTO/SB/15 (8-00) Modified LDLK&M

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9LIFAN 3.3F-035	
Whereas, I, Litao Chen	of	
No. 10, Shenzhou Road, Science City; Guangzhou, Guangdong 510663; PEOPLE'S REPUBLIC OF CHINA		
hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in	
Dielectric Phase Shifting Unit, Dielectric Phase Shifter And Base Station Antenna		
X for which an application for a United States Letters Patent was filed on May 21, 2019 Application Number 16/462,652		
for which an application for a United States Letters Pater	nt was executed by me on,	
x for which an International Application was filed on	May 19, 2017 , as	
PCT/CN2017/085005 , designating the United	States.	
And Whereas, Comba Telecom Technology (Guangzhou) Lt China herein referred to as "assignee" whose ma Technological Development District; Guangzhou, OF CHINA;	illing address is 6 Jinbi Road, Economic and	
Comba Telecom Systems (China) Ltd., a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is No. 10, Shenzhou Road, Science City; Guangzhou, Guangdong 510663; PEOPLE'S REPUBLIC OF CHINA; Tianjin Comba Telecom Systems Ltd. a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is Room 301, Building 1, No. 94, Changjiang Street, Nankai District, Tianjin 300192, China		
are desirous of acquiring the entire right, title and interest in the	same;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignees my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignees herein, as assignees of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignees or its assigns, to communicate to said assignees or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignees, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expens		
And I do hereby authorize my attorneys to insert on this deed the when known.		
2019.5.16	Litos chen	
Date	Litao Chen	
Ran (iv. Witness		
Witness		
Typed Name of Witness		
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REEL: 049402 FRAME: 0126

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	former PTO/SB/15 (8-00) Modified LDLK&M Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9LIFAN 3.3F-035
Whereas, I, Bin Gao No. 10, Shenzhou Road, Science City; Guangzhou, Gua OF CHINA	of angdong 510663; PEOPLE'S REPUBLIC
hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in
Dielectric Phase Shifting Unit, Dielectric Phase Shifter	r And Base Station Antenna
X for which an application for a United States Letters Pate Application Number 16/462,652	ent was filed onMay 21, 2019
for which an application for a United States Letters Pater	nt was executed by me on
x for which an International Application was filed on	
PCT/CN2017/085005 , designating the United	l States.
Whereas, Comba Telecom Technology (Guangzhou) Li China herein referred to as "assignee" whose ma Technological Development District; Guangzhou, REPUBLIC OF CHINA; Comba Telecom Systems (China) Ltd., a corpor referred to as "assignee" whose mailing address Guangzhou, Guangdong 510663; PEOPLE'S RI Tianjin Comba Telecom Systems Ltd. a corpor referred to as "assignee" whose mailing address Street, Nankai District, Tianjin 300192, China	ailing address is 6 Jinbi Road, Economic and Guangdong 510663; PEOPLE'S pration of People's Republic of China herein is No. 10, Shenzhou Road, Science City; EPUBLIC OF CHINA; ration of People's Republic of China herein is Room 301, Building 1, No. 94, Changjiang
is acknowledged, and other good and valuable consideration, assignees my entire right, title and interest for the United Sta invention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and patents and including the right to any law or treaty, a infringement with the right to sue for and collect the same for it legal representatives, and including the right to claim such pri Trademarks is hereby authorized and requested to issue all pri said assignees herein, as assignees of the entire interest representatives, heirs and assigns do hereby agree and covene all original, divisional, continuation, reissue and other applicat assignments thereof to said assignees or its assigns, to community to the undersigned respecting said improvements, when legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, and paid by said assignees. And I do hereby authorize my attorneys to insert on this deed the	dollar (\$ 1.00), the receipt whereof I as assignor hereby sell, assign and set over to said ites of America and all other countries in and to said original, divisional, continuation, substitute or reissue. United States of America and all other countries, for patents for said invention claiming priority or benefit of ind including all claims for damages by reason of past its own use and the use of its successors, assigns and ority or benefit and the Commissioner of Patents and attents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal ant without further remuneration, to execute and deliverations for Letters Patent on said improvements and all unicate to said assignees or its representatives all facts never requested, to testify in any interferences or other may become involved, to sign all lawful papers, make itd assignees, its successors, assigns and nominees to the expenses incident to said applications to be borne.
when known.	Bin Gao

X *Total of 4 forms are submitted.

Date

Ren Lites Witness

Ass LW
Typed Name of Witness

Bin Gao

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lumber (Optional)	

A MATA STORES FOR A PERSON OF STORES STORES A PROPERTY OF STORES	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9LIFAN 3.3F-035	
Whater I Poitos Eiu		
Whereas, I, Peitao Liu of No. 10, Shenzhou Road, Science City; Guangzhou, Guangdong 510663; PEOPLE'S REPUBLIC OF CHINA		
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in	
Dielectric Phase Shifting Unit, Dielectric Phase Shifte	·	
X for which an application for a United States Letters Patent was filed on May 21, 2019		
Application Number 16/462,652		
for which an application for a United States Letters Patent was executed by me on		
x for which an International Application was filed on	*	
PCT/CN2017/085005 , designating the United	d States.	
And	defended to the second of the	
Whereas, Comba Telecom Technology (Guangzhou) L China herein referred to as "assignee" whose ma Technological Development District; Guangzhou REPUBLIC OF CHINA;	ailing address is 6 Jinbi Road, Economic and , Guangdong 510663; PEOPLE'S	
Comba Telecom Systems (China) Ltd., a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is No. 10, Shenzhou Road, Science City; Guangzhou, Guangdong 510663; PEOPLE'S REPUBLIC OF CHINA; Tianjin Comba Telecom Systems Ltd. a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is Room 301, Building 1, No. 94, Changjiang		
Street, Nankai District, Tianjin 300192, China		
are desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignees my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Tracemarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignees herein, as assignees of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignees or its assigns, to communicate to said assignees or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignees, its successors, assigns and nominees t		
when known.		
2019.5.16	Poltan Liu Peitao Liu	
Date	Peitao Liu	
Ran Lin		
Lan Lin Witness		
Typed Name of Witness		
x *Total of 4 forms are submitted.	***************************************	

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former PTO/SB/15 (8-00) Modified LDLK&M Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION 9LIFAN 3.3F-035 Whereas, I, Guosheng Su No. 10, Shenzhou Road, Science City; Guangzhou, Guangdong 510663; PEOPLE'S REPUBLIC OF CHINA hereafter referred to as assignor, have with others invented certain new and useful improvements in Dielectric Phase Shifting Unit, Dielectric Phase Shifter And Base Station Antenna May 21, 2019 X for which an application for a United States Letters Patent was filed on Application Number 16/462,652 for which an application for a United States Letters Patent was executed by me on x for which an International Application was filed on May 19, 2017 , as PCT/CN2017/085005 , designating the United States. And Whereas. Comba Telecom Technology (Guangzhou) Ltd. a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is 6 Jinbi Road, Economic and Technological Development District; Guangzhou, Guanagdong 510663; PEOPLE'S REPUBLIC OF CHINA; Comba Telecom Systems (China) Ltd., a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is No. 10, Shenzhou Road, Science City; Guangzhou, Guangdong 510663, PEOPLE'S REPUBLIC OF CHINA; Tianjin Comba Telecom Systems Ltd. a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is Room 301, Building 1, No. 94, Changjiang Street, Nankai District, Tianjin 300192, China are desirous of acquiring the entire right, title and interest in the same: NOW, THEREFORE, in consideration of the sum of one dollar (\$), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignees my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignees herein, as assignees of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignees or its assigns, to communicate to said assignees or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignees, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignees. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. Guocheng Su
Guosheng Su Witness

x *Total of 4 forms are submitted.

PATENT REEL: 049402 FRAME: 0129

_____Lan_Lin Typed Name of Witness