506379323 12/01/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANGHAI LANGBO COMMUNICATION TECHNOLOGY COMPANY LIMITED	11/18/2020

RECEIVING PARTY DATA

Name:	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	
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City:	DONGGUAN, GUANGDONG	
State/Country:	CHINA	
Postal Code:	523860	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16655259

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ATTORNEY DOCKET NUMBER:	133861-8204.US01
NAME OF SUBMITTER:	CRYSTAL FONG
SIGNATURE:	/Crystal Fong/
DATE SIGNED:	12/01/2020

Total Attachments: 3

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PATENT 506379323 REEL: 054508 FRAME: 0808

ASSIGNMENT

Shanghai Langbo Communication Technology Company Limited, a Limited Liability Company, having its principal place of business at Room 601, Building 34, No. 2777 East Jinxiu Road, Pudong District, Shanghai, China 201206 (hereinafter referred to as "Assignor"), is the sole and exclusive owner, by assignment, of the Patent Applications and Issued Patents listed in Schedule A; and

GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., a corporation of China, having its principal place of business at No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, China (hereinafter referred to as "Assignee"), desires to acquire the right, title and interest in, to and under said Patent Applications and Issued Patents and the inventions covered thereby;

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said applications and issued patents for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries including those found on the attached list of Schedule A, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on Schedule A to said Assignee herein, as Assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said Assignee or its Assigns, to communicate to said Assignee or its representatives all facts known to the undersigned respecting said invention listed on Schedule A whenever requested, to testify in any interferences or other legal proceedings in which said application or patent may become involved, to sign all lawful papers, make all rightful caths, and do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said inventions listed on Schedule A in the United States of America and all other countries, the expenses incident to said applications and patents listed on Schedule A to be borne and paid by said Assignee.

(133861-8204,US01)

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PATENT REEL: 054508 FRAME: 0809

IN the executed to	WITNESS THEREOF, Assignor and Assignee have caused this Assignment to by their duly authorized officers as of this <u>18</u> day of <u>November</u> , 2020.
ASSIGNOR:	Shanghai Langbo Communication
Name: Signature Title:	Technology Company Limited Lin YANG CEO

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ASSIGNEE:	GUANGDONG OPPO MOBILE	
Name:	TELECOMMUNICATIONS CORP. Ying Feng	., LTD.
Signature	179 200	
Title:	IP Director	***************************************

(133861-8204.US01)

PATENT REEL: 054508 FRAME: 0810

SCHEDULE A

Application No. Filing Date	Issued Palent No. Issue Date	Country	Title
16/655,259 2019-10-17		US	METHOD AND DEVICE IN UE AND BASE STATION USED FOR MULTI- ANTENNA TRANSMISSION

(133861-8204.US01)

RECORDED: 12/01/2020

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PATENT REEL: 054508 FRAME: 0811