

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6950360

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SWIFTLINK TECHNOLOGIES INC.	10/01/2021
RECEIVING PARTY DATA		
Name:	SWIFTLINK TECHNOLOGIES CO., LTD.	
Street Address:	ROOM 112-117 OF THE LOGISTICS BUILDING	
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City:	SUZHOU, JIANGSU PROVINCE	
State/Country:	CHINA	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	17007427
	Application Number:	17021017
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	10171P032 AND P035	
NAME OF SUBMITTER:	KEVIN G. SHAO	
SIGNATURE:	/Kevin G. Shao/	
DATE SIGNED:	10/04/2021	
Total Attachments: 11		
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ASSIGNMENT OF PATENT RIGHTS

This patent assignment (this "Assignment") is entered into as of the date set forth below by and between Swiftlink Technologies Inc., a company organized under the laws of Canada with a principal place of business at 13575 Commerce Parkway Suite 140, Richmond BC V6V 2L1, Canada ("Assignor"), and Swiftlink Technologies Co., Ltd., a Chinese corporation with a principal place of business at Room 112-117 of the Logistics Building at 88 Modern Avenue, Suzhou Industrial Park, Suzhou, Jiangsu Province, China ("Assignee").

Whereas, the Assignor and Assignee have entered into a certain Patent Purchase Agreement under which, among other things, Assignor assigns to Assignee all right, title and interest in and to the Patents (as defined below).

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby irrevocably sell, assign, transfer, and convey unto Assignee, or Assignee's designees, all of Assignor's right, title, and interest in and to all of the following (collectively, the "Assigned Patent Rights"):

- (a) all provisional patent applications, patent applications, and patents listed in the attached Appendix (the "Patents");
- (b) all provisional patent applications, patent applications, patents or other similar governmental grants or issuances worldwide (i) from which any of the Patents directly or indirectly claims priority and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;
- (c) any reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, and divisions, worldwide, of any provisional patent application, patent application, patent or other governmental grant or issuance set forth in clauses (a) and/or (b) (clauses (a) through (c), collectively, the "Assigned Patents");
- (d) foreign patents, patent applications, and counterparts relating to any item in the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) items in any of the foregoing in categories (a) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) rights to all inventions, invention disclosures, and discoveries described in any item in the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;
- (g) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental

grants or issuances of any type related to any item in the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) any causes of action (whether currently pending, filed or otherwise) and all other enforcement rights and rights to remedies under, on account of, or related to any of the Patents and/or any item in any of the foregoing categories (a) through (g), including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) other remedies of any kind for past, current and future infringement, misappropriation or violation of rights and all rights to sue for any of the foregoing;

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in the foregoing categories (b) through (h); and

(j) any and all other rights and interests worldwide, arising out of, in connection with or in relation to the Assigned Patents.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

In witness whereof, intending to be legally bound, the Parties have executed this Assignment as of the Assignment Date.

ASSIGNOR: Swiftlink Technologies Inc.

ASSIGNEE: Swiftlink Technologies Co., Ltd.

By: 

Name: Thomas Chen

Title: Chief Executive Officer

Date: October 1st, 2021

By: 

Name: Thomas Chen

Title: Chief Executive Officer

Date: October 1st, 2021

APPENDIX

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P015CN	CN	BROADBAND POWER AMPLIFIER AND MATCHING NETWORK FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	201910094087.6	30-Jan- 2019	
10171P016CN	CN	A MM-WAVE WIDEBAND IMAGE- REJECT RECEIVER	201910270459.6	04- Apr- 2019	ZL201910270459.6
10171P016KR	KR	A MM-WAVE WIDEBAND IMAGE- REJECT RECEIVER	10-2019-0039666	04- Apr- 2019	10-2262998
10171P017EP	EP	TRANSMIT AND RECEIVE SWITCH AND BROADBAND POWER AMPLIFIER MATCHING NETWORK FOR MULTI- BAND MILLIMETER- WAVE 5G COMMUNICATION	19792257.8	01-Oct- 2020	
10171P017KR	KR	TRANSMIT AND RECEIVE SWITCH AND BROADBAND POWER AMPLIFIER MATCHING NETWORK FOR MULTI- BAND MILLIMETER- WAVE 5G COMMUNICATION	10-2020-7033787	24- Nov- 2020	
10171P017JP	JP	TRANSMIT AND RECEIVE SWITCH AND BROADBAND POWER AMPLIFIER MATCHING NETWORK FOR MULTI- BAND MILLIMETER- WAVE 5G COMMUNICATION	2021-509948	23-Oct- 2020	
10171P017CN	CN	TRANSMIT AND RECEIVE SWITCH AND BROADBAND POWER AMPLIFIER MATCHING NETWORK FOR MULTI- BAND MILLIMETER- WAVE 5G COMMUNICATION	201980028813.2	27-Oct- 2020	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P017CA	CA	TRANSMIT AND RECEIVE SWITCH AND BROADBAND POWER AMPLIFIER MATCHING NETWORK FOR MULTI- BAND MILLIMETER- WAVE 5G COMMUNICATION	3096679	08-Oct- 2020	
10171P017PCT	WO	TRANSMIT AND RECEIVE SWITCH AND BROADBAND POWER AMPLIFIER MATCHING NETWORK FOR MULTI- BAND MILLIMETER- WAVE 5G COMMUNICATION	PCT/US2019/028000	17- Apr- 2019	
10171P019CN	CN	MINIATURE ON-CHIP QUADRATURE PHASE GENERATOR FOR RF COMMUNICATIONS	201910359095.9	30- Apr- 2019	
10171P020CN	CN	WIDEBAND DISTRIBUTED POWER AMPLIFIER UTILIZING METAMATERIAL TRANSMISSION LINE CONCEPTION WITH IMPEDANCE TRANSFORMATION	201910358584.2	30- Apr- 2019	
10171P021CA	CA	WIDEBAND MATCHING CO-DESIGN OF TRANSMIT/RECEIVE (T/R) SWITCH AND RECEIVER FRONTEND FOR A BROADBAND MIMO RECEIVER FOR MILLIMETER-WAVE 5G COMMUNICATION	3099144	02- Nov- 2020	
10171P021CN	CN	WIDEBAND MATCHING CO-DESIGN OF TRANSMIT/RECEIVE (T/R) SWITCH AND RECEIVER FRONTEND FOR A BROADBAND MIMO RECEIVER FOR MILLIMETER-WAVE 5G COMMUNICATION	201980032454.8	13- Nov- 2020	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P021EP	EP	WIDEBAND MATCHING CO-DESIGN OF TRANSMIT/RECEIVE (T/R) SWITCH AND RECEIVER FRONTEND FOR A BROADBAND MIMO RECEIVER FOR MILLIMETER-WAVE 5G COMMUNICATION	19849426.2	28-Oct- 2020	
10171P021JP	JP	WIDEBAND MATCHING CO-DESIGN OF TRANSMIT/RECEIVE (T/R) SWITCH AND RECEIVER FRONTEND FOR A BROADBAND MIMO RECEIVER FOR MILLIMETER-WAVE 5G COMMUNICATION	2020-564136	13- Nov- 2020	
10171P021KR	KR	WIDEBAND MATCHING CO-DESIGN OF TRANSMIT/RECEIVE (T/R) SWITCH AND RECEIVER FRONTEND FOR A BROADBAND MIMO RECEIVER FOR MILLIMETER-WAVE 5G COMMUNICATION	10-2020-7035842	11- Dec- 2020	
10171P021PCT	WO	WIDEBAND MATCHING CO-DESIGN OF TRANSMIT/RECEIVE (T/R) SWITCH AND RECEIVER FRONTEND FOR A BROADBAND MIMO RECEIVER FOR MILLIMETER-WAVE 5G COMMUNICATION	PCT/US2019/029014	24- Apr- 2019	
10171P023CN	CN	IMPEDANCE COMPENSATION OF FLIP CHIP CONNECTION FOR RF COMMUNICATIONS	201910380841.2	08- May- 2019	
10171P024CA	CA	WIDEBAND DISTRIBUTED DIFFERENTIAL POWER AMPLIFIER UTILIZING METAMATERIAL TRANSMISSION LINE CONCEPTION WITH IMPEDANCE TRANSFORMATION	3100605	16- Nov- 2020	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P024CN	CN	WIDEBAND DISTRIBUTED DIFFERENTIAL POWER AMPLIFIER UTILIZING METAMATERIAL TRANSMISSION LINE CONCEPTION WITH IMPEDANCE TRANSFORMATION	201980034708.X	23- Nov- 2020	
10171P024JP	JP	WIDEBAND DISTRIBUTED DIFFERENTIAL POWER AMPLIFIER UTILIZING METAMATERIAL TRANSMISSION LINE CONCEPTION WITH IMPEDANCE TRANSFORMATION	2020-565266	20- Nov- 2020	
10171P024KR	KR	WIDEBAND DISTRIBUTED DIFFERENTIAL POWER AMPLIFIER UTILIZING METAMATERIAL TRANSMISSION LINE CONCEPTION WITH IMPEDANCE TRANSFORMATION	10-2020-7037035	22- Dec- 2020	
10171P024PCT	WO	WIDEBAND DISTRIBUTED DIFFERENTIAL POWER AMPLIFIER UTILIZING METAMATERIAL TRANSMISSION LINE CONCEPTION WITH IMPEDANCE TRANSFORMATION	PCT/US2019/033384	21- May- 2019	
10171P025CA	CA	WIDE-BAND 360 DEGREE PHASE SHIFTER UTILIZING RIGHT-HAND AND LEFT-HAND TRANSMISSION LINE SWITCHES FOR RF COMMUNICATIONS	3100684	17- Nov- 2020	
10171P025CN	CN	WIDE-BAND 360 DEGREE PHASE SHIFTER UTILIZING RIGHT-HAND AND LEFT-HAND TRANSMISSION LINE SWITCHES FOR RF COMMUNICATIONS	201980034778.5	23- Nov- 2020	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P025JP	JP	WIDE-BAND 360 DEGREE PHASE SHIFTER UTILIZING RIGHT-HAND AND LEFT-HAND TRANSMISSION LINE SWITCHES FOR RF COMMUNICATIONS	2020-565261	19-Jan- 2021	
10171P025KR	KR	WIDE-BAND 360 DEGREE PHASE SHIFTER UTILIZING RIGHT-HAND AND LEFT-HAND TRANSMISSION LINE SWITCHES FOR RF COMMUNICATIONS	10-2020-7036774	21- Dec- 2020	
10171P025PCT	WO	WIDE-BAND 360 DEGREE PHASE SHIFTER UTILIZING RIGHT-HAND AND LEFT-HAND TRANSMISSION LINE SWITCHES FOR RF COMMUNICATIONS	PCT/US2019/033390	21- May- 2019	
10171P026PCT	WO	BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	PCT/US2019/033398	21- May- 2019	
10171P026CN	CN	BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	201980050443.2	28-Jan- 2021	
10171P026CA	CA	BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	3106474	19- Nov- 2020	
10171P026JP	JP	BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	2020-566238	27- Nov- 2020	
10171P026KR	KR	BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	10-2020-7037011	22- Dec- 2020	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P027PCT	WO	DUAL VOLTAGE CONTROLLED OSCILLATOR CIRCUITS FOR A BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	PCT/US2019/033403	21- May- 2019	
10171P027CN	CN	DUAL VOLTAGE CONTROLLED OSCILLATOR CIRCUITS FOR A BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	201980050554.3	28-Jan- 2021	
10171P027CA	CA	DUAL VOLTAGE CONTROLLED OSCILLATOR CIRCUITS FOR A BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	3101444	24- Nov- 2020	
10171P027JP	JP	DUAL VOLTAGE CONTROLLED OSCILLATOR CIRCUITS FOR A BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	2020-566254	26- Nov- 2020	
10171P027KR	KR	DUAL VOLTAGE CONTROLLED OSCILLATOR CIRCUITS FOR A BROADBAND PHASE LOCKED LOOP FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	10-2020-7037239	23- Dec- 2020	
10171P028CA	CA	WIDEBAND LOW NOISE AMPLIFIER (LNA) WITH A RECONFIGURABLE BANDWIDTH FOR MILLIMETER-WAVE 5G COMMUNICATION	3101658	25- Nov- 2020	
10171P028CN	CN	WIDEBAND LOW NOISE AMPLIFIER (LNA) WITH A RECONFIGURABLE BANDWIDTH FOR MILLIMETER-WAVE 5G COMMUNICATION	201980051262.1	01-Feb- 2021	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P028JP	JP	WIDEBAND LOW NOISE AMPLIFIER (LNA) WITH A RECONFIGURABLE BANDWIDTH FOR MILLIMETER-WAVE 5G COMMUNICATION	2020-566255	26-Nov-2020	
10171P028KR	KR	WIDEBAND LOW NOISE AMPLIFIER (LNA) WITH A RECONFIGURABLE BANDWIDTH FOR MILLIMETER-WAVE 5G COMMUNICATION	10-2020-7037673	28-Dec-2020	
10171P028EP	EP	WIDEBAND LOW NOISE AMPLIFIER (LNA) WITH A RECONFIGURABLE BANDWIDTH FOR MILLIMETER-WAVE 5G COMMUNICATION	19810207.1	18-Nov-2020	
10171P028PCT	WO	WIDEBAND LOW NOISE AMPLIFIER (LNA) WITH A RECONFIGURABLE BANDWIDTH FOR MILLIMETER-WAVE 5G COMMUNICATION	PCT/US2019/033401	21-May-2019	
10171P029PCT	WO	WIDEBAND MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	PCT/US2019/034739	30-May-2019	
10171P029CA	CA	WIDEBAND MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	3103569	11-Dec-2020	
10171P029CN	CN	WIDEBAND MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	201980039603.3	11-Dec-2020	
10171P029JP	JP	WIDEBAND MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	2020-568441	08-Dec-2020	
10171P029KR	KR	WIDEBAND MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	10-2021-7000511	07-Jan-2021	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P030PCT	WO	DUAL POLARIZATION MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	PCT/US2020/013556	14-Jan- 2020	
10171P030CA	CA	DUAL POLARIZATION MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	3123295	11-Jun- 2021	
10171P030CN	CN	DUAL POLARIZATION MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	202080011169.0	27-Jul- 2021	
10171P030EP	EP	DUAL POLARIZATION MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	20748079.9	26- May- 2021	
10171P030JP	JP	DUAL POLARIZATION MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	2021-542434	21-Jul- 2021	
10171P030KR	KR	DUAL POLARIZATION MILLIMETER-WAVE FRONTEND INTEGRATED CIRCUIT	10-2021-7023754	26-Jul- 2021	
10171P031PCT	WO	BROADBAND RECEIVER FOR MULTI- BAND MILLIMETER- WAVE WIRELESS COMMUNICATION	PCT/US2020/028361	15- Apr- 2020	
10171P031CN	CN	BROADBAND RECEIVER FOR MULTI- BAND MILLIMETER- WAVE WIRELESS COMMUNICATION	202080014809.3	16- Aug- 2021	
10171P032	US	SCALABLE DUAL- POLARIZATION MM- WAVE MULTI-BAND 5G PHASED ARRAY WITH A MULTI-MULTIPLIERS LO GENERATOR	17/007,427	31- Aug- 2020	

Attorney Docket No.	Country	Title	Application Number	Filing Date	Patent Number
10171P032PCT	WO	SCALABLE DUAL-POLARIZATION MM-WAVE MULTI-BAND 5G PHASED ARRAY WITH A MULTI-MULTIPLIERS LO GENERATION SHARING ONE PHASE LOCKED LOOP	PCT/IB2021/055287	16-Jun-2021	
10171P032CN	CN	SCALABLE DUAL-POLARIZATION MM-WAVE MULTI-BAND 5G PHASED ARRAY WITH A MULTI-MULTIPLIERS LO GENERATION SHARING ONE PHASE LOCKED LOOP	PCT/IB2021/055287	09-Sept-2021	
10171P033	US	BIDIRECTIONAL IMAGE-REJECTION ACTIVE ARRAY WITH REDUCED LO REQUIREMENT	17/102,042	23-Nov-2020	
10171P034	US	TRANSFORMER-BASED CURRENT-REUSE AMPLIFIER WITH EMBEDDED IQ GENERATION FOR COMPACT IMAGE REJECTION ARCHITECTURE IN MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION	16/951,330	18-Nov-2020	
10171P035	US	WIDEBAND TRANSMITTER FOR MILLIMETER-WAVE WIRELESS COMMUNICATION	17/021,017	15-Sep-2020	
10171P035PCT	WO	WIDEBAND TRANSMITTER FOR MILLIMETER-WAVE WIRELESS COMMUNICATION	PCT/IB2021/055288	16-Jun-2021	
10171P035CN	CN	WIDEBAND TRANSMITTER FOR MILLIMETER-WAVE WIRELESS COMMUNICATION	PCT/IB2021/055288	30-Aug-2021	