#### 504911145 05/11/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4957889

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
LIU YANG	04/27/2018
RUI YANG	04/27/2018
ZHILIN YUAN	04/27/2018
LIDAN SONG	04/27/2018
JINPING GUO	04/27/2018
FAN WANG	04/27/2018
YUHONG MA	04/27/2018
LIHONG TANG	04/27/2018

## RECEIVING PARTY DATA

Name:	ACCELINK TECHNOLOGIES CO., LTD.	
Street Address:	1 TANHU ROAD, CANGLONGDAO DEVELOPMENT ZONE	
Internal Address:	JIANGXIA DISTRICT, HUBEI	
City:	WUHAN	
State/Country:	CHINA	
Postal Code:	430205	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15964391

# **CORRESPONDENCE DATA**

Fax Number: (908)654-7866

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: (908) 518-6333

Email: assignment@lernerdavid.com

LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP **Correspondent Name:** 

Address Line 1: 600 SOUTH AVENUE WEST Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER: 9ZYP 3.9F-001 CON NAME OF SUBMITTER: MELINDA C. CORMIER

**PATENT** REEL: 045780 FRAME: 0694 504911145

SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	05/11/2018
Total Attachments: 8	
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PATENT REEL: 045780 FRAME: 0695

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

Docket Number (Optional)

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011	
Whereas, I, Liu Yang		
1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA		
hereafter referred to as assignor, have with others invented certain new and useful improvements in Wavelength Selective Switch		
X for which an application for a United States Letters Pat Application Number 15/964,391	ent was filed on 4/27/18	
for which an application for a United States Letters Pate	nt was executed by me on	
x for which an International Application was filed on	December 15, 2015 , as	
PCT/CN2015/097438 , designating the United	States.	
And		
Whereas, Accelink Technologies Co., Ltd.  a corporation of People's Republic of China herein referred to as	s "assignce" whose mailing address is	
Tanhu Road; Canglongdao Development Zone; Jiang PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the s	ame;	
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 assignee 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 assignee herein, as assignse 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 assignee or its assigns, to communicate to said assignee 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 assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
And I do hereby authorize my attorneys to insert on this deed the when known.	e filing date and application number of said application	
27, April, 2018	Lize Yang	
Date	Liu Yang	
27, APril, 2018  Date  J.19 LU  Wilness		
Typed Name of Witness		
x *Total of 8 forms are submitted,		

PATENT REEL: 045780 FRAME: 0696

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

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011	
Whereas, I, Rui Yang  1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA		
hereafter referred to as assignor, have with others invented certain	ain new and useful improvements in	
Wavelength Selective Switch		
X for which an application for a United States Letters Pate	ent was filed on 4/27/18	
Application Number 15/964,391		
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/CN2015/097438 , designating the United	I States.	
And		
Whereas, Accelink Technologies Co., Ltd.		
a corporation of People's Republic of China herein referred to a	s "assignee" whose mailing address is	
1 Tanhu Road; Canglongdao Development Zone; Jiang PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the s	ame;	
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 assignee 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 assignee herein, as 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 assignee or its assigns, to communicate to said assignee 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 assignee, 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 assignee.		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
27, APril, 2018  Date	Rui Yung	
Date	Rui Yang	
T. 149 / 14		
Jing Lu Witness		
44101000		
Typed Name of Witness		
*Total of 8 forms are submitted		

former PTO/SR/15 (8-00) Modified LDLK8M

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011	
Whereas, I, Zhilin Yuan		
1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA		
hereafter referred to as assignor, have with others invented cort	ain new and useful improvements in	
Wavelength Selective Switch		
X for which an application for a United States Letters Patent was filed on 4/27/18		
Application values	at was everyted by me on	
for which an application for a United States Letters Pate		
x for which an International Application was filed on		
PCT/CN2015/097438 , designating the United And	d States.	
Whereas, Accelink Technologies Co., Ltd.		
a corporation of People's Republic of China herein referred to a	ns "assignee" whose mailing address is	
1 Tanhu Road; Canglongdao Development Zone; Jiang PEOPLE'S REPUBLIC OF CHINA	xia District, Wuhan City, Hubei 430205;	
is desirous of acquiring the entire right, title and interest in the s	ame;	
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee 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 assignee herein, as assignse 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 assignee or its assigns, to communicate to said assignee 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 assignee, 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 assignee.		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
27, APYIL, 2018  Date  Jing Ly	zhilm Yuan	
Date	Zhilin Yuan	
Jing Ly Wilness		
Typed Name of Witness		

LD-515\

\*Total of

forms are submitted.

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

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011	
Whereas, I, Lidan Song of 1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA nereafter referred to as assignor, have with others invented certain new and useful improvements in Wavelength Selective Switch		
X for which an application for a United States Letters Pate Application Number 15/964,391  for which an application for a United States Letters Pater X for which an International Application was filed on PCT/CN2015/097438 , designating the United	December 15, 2015 as	
And		
Whereas, Accelink Technologies Co., Ltd. a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is  1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA is desirous of acquiring the entire right, title and interest in the same;		
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Statinvention 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 aforesaid utility application pursuant 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 psaid assignee herein, as assignee of the entire interest trepresentatives, heirs and assigns do hereby agree and covenall original, divisional, continuation, reissue and other applicat assignments thereof to said assignee or its assigns, to communication to the undersigned respecting said improvements, where 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 assignee.	es 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 and including all claims for damages by reason of past is sown use and the use of its successors, assigns and ority or benefit and the Commissioner of Patents and atents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal and without further remuneration, to execute and deliver it is included to said assignee or its representatives all facts hever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make ald assignee, its successors, assigns and nominees to the expenses incident to said applications to be borned.	
And I do hereby authorize my attorneys to insert on this doed the when known.	,	
27, APri'L, 2018  Date	Lidan Song	
Ji'ng LU Witness	Lìdan Song	
Typed Name of Wilness		
x *Total of 8 forms are submitted.		

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

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011	
Whereas, I, <u>Jinping Guo</u> 1 Tanhu Road; Canglongdao Development Zone; Jiang PEOPLE'S REPUBLIC OF CHINA	of xia District, Wuhan City, Hubei 430205;	
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in	
Wavelength Selective Switch		
X for which an application for a United States Letters Pat Application Number 15/964,391		
for which an application for a United States Letters Pate	nt was executed by me on,	
x for which an International Application was filed on		
PCT/CN2015/097438 , designating the United	I States.	
And		
Whereas, Accelink Technologies Co., Ltd.	"analina o" ubaga mailina addraga ig	
a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is 1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the s	ame;	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, assignee 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 the aforesaid utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for i legal representatives, and including the right to claim such pri Trademarks is hereby authorized and requested to issue all p said assignee herein, as assignee of the entire interest representatives, heirs and assigns do hereby agree and covernall original, divisional, continuation, reissue and other applical assignments thereof to said assignee or its assigns, to communication to the undersigned respecting said improvements, where 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 assignee.	tes 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 and including all claims for damages by reason of past to sown 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 deliver lainings for Letters Patent on said improvements and all unicate to said assignee or its representatives all facts never requested, to testify in any interforences or other may become involved, to sign all lawful papers, make aid assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne.	
And I do hereby authorize my attorneys to insert on this deed the when known.	ne filing date and application number of said application	
27, April, 2018	Jinping Guo	
Date	Jinping Guo	
Ji'ng LU Witness		
Typed Name of Witness		
Total of 8 forms are submitted.		

LD-515

former PTO/SB/15 (8-00) Modified LDLK8M

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011	
Whereas, I, Fan Wang	of	
1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA		
hereafter referred to as assignor, have with others invented certain new and useful improvements in		
Wavelength Selective Switch  X for which an application for a United States Letters Patent was filed on 4/27/18 Application Number		
for which an application for a United States Letters Pater		
x for which an International Application was filed on		
PCT/CN2015/097438 , designating the United	States.	
Whereas, Accelink Technologies Co., Ltd.		
a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is  1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205;  PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the sa	ame;	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Stat invention and the aforesald utility patent application and all capplications 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 after the aforesaid utility application pursuant 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 price. Trademarks is hereby authorized and requested to issue all pasaid assignee herein, as assignee of the entire interest the representatives, heirs and assignee of the entire interest the representatives, heirs and assignee or its assigns, to communicate thereof to said assignee or its assigns, to communicate 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 assignee.	es 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 and including all claims for damages by reason of past is sown use and the use of its successors, assigns and pority or benefit and the Commissioner of Patents and atents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal int without further remuneration, to execute and deliver income for Letters Patent on said improvements and all inicate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make id assignee, its successors, assigns and nominees to	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
27, April. 2018	fan Wang	
Z7, APril. 2018  Date Jing Lu  Witness	Fan Wang	
Typed Name of Witness		
x *Total of 8 forms are submitted.		

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

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011
Whereas, I. Yuhong Ma 1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA	
hereafter referred to as assignor, have with others invented certain new and useful improvements in Wavelength Selective Switch	
X for which an application for a United States Letters Pat Application Number 15/964,391	ent was filed on 4/27/18
for which an application for a United States Letters Pate	nt was executed by me on
x for which an International Application was filed on	December 15, 2015 , as
PCT/CN2015/097438 , designating the United	States.
And	
Whereas, <u>Accelink Technologies Co., Ltd.</u> a corporation of People's Republic of <u>China</u> herein referred to a	s "assignee" whose mailing address is
1 Tanhu Road; Canglongdao Development Zone; Jiang PEOPLE'S REPUBLIC OF CHINA	
is desirous of acquiring the entire right, title and interest in the s	ame;
is acknowledged, and other good and valuable consideration, assignee 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 the aforesaid utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for i legal representatives, and including the right to claim such pri Trademarks is hereby authorized and requested to issue all p said assignee herein, as assignee of the entire interest representatives, heirs and assigns do hereby agree and covenall original, divisional, continuation, reissue and other applications signments thereof to said assignee or its assigns, to commit known to the undersigned respecting said improvements, where legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries, and paid by said assignee.  And I do hereby authorize my attorneys to insert on this deed to	tes 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 and including all claims for damages by reason of past to sown use and the use of its successors, assigns and fority or benefit and the Commissioner of Patents and atents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal and without further remuneration, to execute and deliver tions for Letters Patent on said improvements and all unicate to said assignee or its representatives all facts never requested, to testify in any interferences or other may become involved, to sign all lawful papers, make aid assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne
And I do hereby authorize my attorneys to insert on this deed to when known.	1
27, April, 2018	Yuhong ma
Date	Yuhong Ma
Jing Lu Witness	
vyitness	
Typed Name of Witness	
x *Total of 8 forms are submitted.	

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

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9ZYP 3.9F-011
Whereas, I, Lihong Tang of 1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205;	
PEOPLE'S REPUBLIC OF CHINA  hereafter referred to as assignor, have with others invented certain new and useful improvements in  Wavelength Selective Switch	
X for which an application for a United States Letters Patent was filed on 4/27/18	
Application Number 15/964,391  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/CN2015/097438 , designating the United States. And	
Whereas, Accelink Technologies Co., Ltd. a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is 1 Tanhu Road; Canglongdao Development Zone; Jiangxia District, Wuhan City, Hubei 430205; PEOPLE'S REPUBLIC OF CHINA Is 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 assignee 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 assignee herein, as assignee 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 assignee or its assigns, to communicate to said assignee 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 assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.	
27, April, 2018	Lihorg Tang
Date	Lihong Tang
Jing Ly Witness	
Typed Name of Witness	
x *Total of 8 forms are submitted.	
x *Total of 8 forms are submitted.	

PATENT REEL: 045780 FRAME: 0703

**RECORDED: 05/11/2018**