FORM PTO-1565 1-31-62	07-18-200	01	'R SHEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings ⇒ ⇒ ♥			▼	▼ ▼
To the Honorable Commissioner c		MII HI INI	the attached original	ginal documents or copy thereof.
1. Name of conveying party(ies):	10177920	()   6.	and address of re	ceiving party(les):
Zhimin Liu, Mark S. V	<b>U</b> // • • /	Name:	Oplink Co	mmunications, Inc.
Jingyu Xu	•	Interna	al Address:	T d
Additional name(s) of conveying party(ies) a	utached? ☐ Yes ☑ No			89.948.
3. Nature of conveyance:				
Assignment     ■ Assignment	☐ Merger	Street	Address: <u>3469</u>	North First Street
☐ Security Agreement	☐ Change of Name			
Other		City: _	San Jose	State: <u>CAZIP</u> : 95134
Execution Date: July 3, 20	001	Addition	al name(s) & address	s(es) attached? 🗋 Yes 💢 No
4. Application number(s) or patent n	• •			
If this document is being filed togeth	er with a new application, th	e execution (	date of the applica	tion is: July 3, 2001
A. Patent Application No.(s)		B. Pat	lent No.(s)	
09/89948/				
	Additional numbers atta	ched? 🗆 Yes	⊠ No	
Name and address of party to who concerning document should be reported by the second se	om correspondence nailed:	6. Total n	number of applicati	ons and patents involved: One
internal Address:		7. Total i	lee (37 CFR 3.41	):\$ <u>40.00</u>
		₩ En	closed	
		□ Au	thorized to be ch	arged to deposit account
Street Address: 13445 Mano	doli Drive	8. Depos	sit account number	er:
City: Los Altos Hills Sta			duplicate copy of	this page if paying by deposit account)
07/17/2001 LHUELLER 00000135 09899481 01 <sup>‡</sup> FC:581 40.00	DO NOT USE	THIS SPACE		
9. Statement and signature. To the best of my knowledge and of the original document.	belief, the foregoing inform	nation is true	and correct and	any attached copy is a true copy
	1/4	Mis	2	mas, 2001
Ching-1u Lin Name of Person Signing		Signature T	otal number of page	Date Four
OMR No OSES (MSS / MSS 4 MSS)				PATENT
OMB No. 0651-0011 (exp. 4/94)				974 FRAME: 0710

# Docket No. OPLINK-0106

### **ASSIGNMENT**

INVENTOR AND CITY	Whereas, I , Zhimin Liu of 4052 Robin Drive, San Jose, CA 95130		
	have invented:		
TITLE:	LOOP OPTICAL CIRCULATOR		
DATE INVENTOR SIGNED THE DECLARATION	and executed a United States patent application therefor		
	on <u>6/15</u> , 2001;		
	Whereas, Oplink Communications, Inc., having a place of business at San Jose, California, (hereinafter called OPLINK), desires to acquire the entire right, title and interest of said application and invention, and to any United States and foreign patents to be obtained therefor;		
	Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to OPLINK, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to OPLINK successors and assigns; and I hereby agree that OPLINK apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by		
CITY AND DATE	Signed and Sealed at Son Jone, CA on 6/15, 2001.		

PATENT REEL: 011974 FRAME: 0711

SIGNATURE OF INVENTOR

## Docket No. OPLINK-0106

#### ASSIGNMENT

INVE	NTOR
ΔΝΠ	

Whereas, I, Mark S. Wang of 2412 Lagoon Way, San Jose

CA 95132

have invented:

TITLE:

LOOP OPTICAL CIRCULATOR

DATE INVENTOR SIGNED THE DECLARATION

and executed a United States patent application therefor

on 6/15,2001;

Whereas, Oplink Communications, Inc., having a place of business at San Jose, California, (hereinafter called OPLINK), desires to acquire the entire right, title and interest of said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to OPLINK, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to OPLINK successors and assigns; and I hereby agree that OPLINK apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by

CITY AND DATE

Signed and Sealed at Sau Jose

2001

\_\_\_\_\_

SIGNATURE OF INVENTOR

Docket No. OPLINK-0106

#### ASSIGNMENT

INVENTOR

Whereas, I , Jingyu Xu of 5492 Livorno Court

AND CITY San Jose, CA 95138

have invented:

TITLE:

LOOP OPTICAL CIRCULATOR

on 1)/03/01\_\_\_,2001;

DATE INVENTOR
SIGNED THE
DECLARATION

and executed a United States patent application therefor

Whereas, Oplink Communications, Inc., having a place of business at San Jose, California, (hereinafter called **OPLINK**), desires to acquire the entire right, title and interest of said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to OPLINK, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to OPLINK successors and assigns; and I hereby agree that OPLINK apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by

CITY AND DATE Signed and Sealed at San Jose, California

, 2001

SIGNATURE OF INVENTO.

**RECORDED: 07/05/2001** 

PATENT REEL: 011974 FRAME: 0713