Substitute Form PTO-1595 Attorney Docket No.: 13854-009001

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Commissioner far Parents: Please record the attached original docume	ent(s) or copy(ies).				
Name of conveying party(les).	2. Name and address of receiving party(ies):				
Yanbin Shao 5 - 28 - 32	Oplink Communications, Inc. 3469 North First Street				
Additional name(s) attached? ☐ Yes ☒ No					
3. Nature of conveyance:	San Jose, CA 95134-1803				
 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: 					
Execution Date: 04/30/02	Additional names/addresses attached? ☐ Yes 図 No				
4. Application number(s) or patent number(s):					
If this document is being filed with a new application, the execution	date of the application is:				
A. Patent Application No(s).:	B: Patent No(s).:				
10/075,433					
Additional numbers attached? ☐ Yes ☒ No					
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1				
NONG-QIANG FAN	7. Total fee (37 CFR §3.41): \$40				
Fish & Richardson P.C.	☑ Enclosed				
3300 Dain Rauscher Plaza	☐ Authorized to charge Deposit Account.				
60 South Sixth Street	8. Deposit Account No.: 06-1050				
Minneapolis, MN 55402	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.				
DO NOT USE	THIS SPACE				
9. Statement and Signature: To the best of my knowledge and any attached copy is a true copy of the original document	belief, the foregoing information is true and correct and t.				
	\mathcal{J}				
Nong-Qiang Fan	5-8-2002				
Reg. No. 50,518 Name of Person Signing Signature	Date				
Name of Person Signify Signature	Date				
Total num	ber of pages including coversheet, attachments and document: Three				

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

5-8-02 Date of Deposit Melina alyande

Melissa Alexander
Typed Name of Person Signing Certificate

PATENT REEL: 012926 FRAME: 0906

Attorney Docket No: 13854-009001/

ASSIGNMENT

For valuable consideration, I, YANBIN SHAO of 1698 Ontario Drive, Sunnyvale, California 94087, hereby assign to: Oplink Communications, Inc., a Delaware corporation, having a place of business at: 3469 North First Street, San Jose, California 95134-1803; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled FOUR-PORT PM CIRCULATOR, filed February 12, 2002, and assigned U.S. Serial Number 10/075,433, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

> PATENT REEL: 012926 FRAME: 0907

Attorney Docket No: 13854-009001/

			al at San Jose	California
this 30th day	of April	, 2002	_	•
	Co. Am	<i>></i>		L.S
	YANBIN SHAO			
•				
State of CAUFURI	<u> </u>			
	: ss.			
County of SANT	CLARA:			
Before me this	3074_ day o	of APRIL	, 20_02_	, personally
appeared YANBIN SH	AO known to me	e to be the person v	vhose name is subscri	ibed to the
foregoing Assignment	and acknowledge	d that he executed	the same as his free a	ct and deed for
the purposes therein co BASIS UF SATT	ntained. KNOW	N TO ME TO EVIDENCE ON	BE THE PERSON ILY	ON THE
			lui Dun	esur
		Notary Public	WILLIAM F. BR	ONNER
		My Commission	Expires: NOV/	2002
[Notary's Seal Here]			,	
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RECORDED: 05/28/2002 REE

PATENT REEL: 012926 FRAME: 0908