02-21-2003

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US Department of Commerce Patent & Trademark Office

Attorney Docket: JAS792P

2120103

102361165

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Steven Guoxin Zhu

Yn Zheng

Additional name(s) of conveying party(ies) attached _Yes XX No Name and address of receiving party(ies):

Name: Oplink Communications, Inc.

Street Address: 2381 Zanker Road, Suite 150 City: San Jose State: CA ZIP: 95131

Additional name(s) & address(es) attached?

Yes XX No

Nature of conveyance:

XX Assignment

Execution Date(s): July 31, 1997

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 31, 1997.

A. Patent Application No.(s)

08/906284

B. Patent No.(s)

Additional numbers attached? Yes XX No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Joseph A. Sawyer, Jr.

Internal

Address: Sawyer & Associates

Street

Address: 620 Hansen Way, Suite A

Palo Alto, California 94304

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01 FC:8021 02 EC:8024 120.00 CH 6. Total Number of applications and patents involved: One

7. Total fee (37 CFR 3.41)......\$ 40.00

Enclosed

XX Authorized to be charged to

deposit account

8. Deposit Account Number: 02-21\(\text{VO} \)

(Attach copy of this page)

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

of the original document.

Total number of pages including cover sheet, attachments, and document: 2

PATENT

REEL: 013435 FRAME: 0992

Attorney Docket: JAS 792P

ASSIGNMENT

WHEREAS, I, Steven Guoxin Zhu of Fremont, in the County of Alameda and State of California, and I, Yu Zheng of Sunnyvale, in the County of Santa Clara and State of California, have invented:

LOW LOSS MINI COLLIMATOR

as described and claimed in the application executed by me of even date herewith, preparatory to obtaining a Letters Patent of the United States therefor, and

WHEREAS, Oplink Communications, Inc., a corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business at 2381 Zanker Road, Suite 150, San Jose, California 95131, is desirous of acquiring the entire right, title, and interest in and to the said invention, application, and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof:

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of One Dollar (\$1.00) to me in hand paid, and other good and valuable considerations, the receipt of which is hereby acknowledged, I, Xiaofan Cao, and I, Yu Zheng, have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto Oplink Communications, Inc., its successors and assigns, the entire right, title, and interest in and to the invention, application executed of even date herewith, and any Letters Patent which may be granted therefor or thereon, together with any and all divisions, continuations, reissues and extensions thereof, and all my foreign rights to the said invention, and all my rights under the International Convention in respect to the said invention and application, and authorize the said Oplink Communications, Inc., to apply for Letters Patent or equivalents in foreign countries, claiming the filing date of the U. S. application under the provisions of the International Convention. I hereby agree to communicate to Oplink Communications, Inc., or its representatives any facts known to me respecting the invention, to testify in any legal proceeding relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and in addition to execute any and all documents that may be required in order that Oplink Communications, Inc., may make application for Letters Patent or equivalents on the invention in foreign countries in its own name.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or on the invention and assigns, in accordance with this assignment.

Full Name of Inventor: Stephen Guoxin Zhu

Stereen Zhu

Date

Full Name of Inventor: Yu Zheng

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RECORDED: 02/20/2003

7/31/5}

Date

PATENT REEL: 013435 FRAME: 0993