

10-19-2004

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(Rev. 10/02)
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1. Name of conveying party(ies):

Lyndon Y. ONG
Saikrishna M. KOTHA

2. Name and address of receiving party(ies)

Name: Ciena Corporation

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



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Change of Name



Other _____

Execution Date: 1 Oct 2004Street Address: 1201 Winterson RoadCity: Linthicum State: MD Zip: 21090Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. 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: 1 Oct 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark E. OldsKeady, Olds & Maier, PLLC

Internal Address: _____

Street Address: PO Box 1817City: Alexandria State: VA Zip: 22313

6. Total number of applications and patents involved:

1

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

Enclosed (PTO-2038)



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50-3136

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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.

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22390 U.S. PTO

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ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Ciena Corporation whose mailing address is 1201 Winterson Road, Linthicum, MD 21090

a corporation organized under the laws of the state/country of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

SCALABLE ABSTRACTION OF TOPOLOGY ACROSS DOMAIN BOUNDARIES

described in an application for Letters Patent of the United States, identified as Attorney Docket No. CIEN-0103-US, at Customer No. 40575: KCO Law, PLLC, PO Box 1817, Alexandria, VA 22313 and filed on _____, as Application Serial No. _____, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

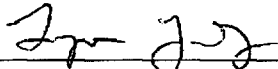
We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize attorney(s) associated with Customer No. 40575, attorney(s) for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

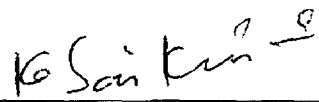
We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.


Inventor's Signature

10/1/04
DATE

Lyndon Y. ONG
Inventor's Printed Name


Inventor's Signature

10/1/04
DATE

Saikrishna M. KOTHA
Inventor's Printed Name