

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), hereinafter referred to as Assignor(s), have made an invention entitled:

SEMI-TRANSPARENT TIME DIVISION MULTIPLEXER/DEMULTIPLEXER

WHEREAS, CIENA Corporation, a corporation of Delaware whose post office address is 1201 Winterson Road, Linthicum, Maryland 21090 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

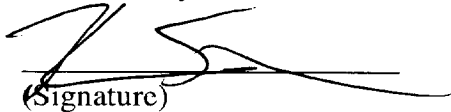
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of USA)
) ss.
State of MARYLAND)

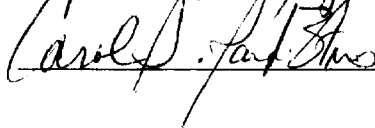
Kevin S. Meagher
2702 Archangel Court
Bowie, Maryland 20716


(Signature)

9/22/00
(Date)

SEAL

Subscribed and sworn to before me
this 22nd day of September, 2000.

, Notary Public

CAROL S. PARKER-HINES
Notary Public, State of Maryland
My Commission Expires
03-23-03

County of Baltimore)
State of Maryland) ss.

James Westdorp
16 Gunview Farm Court
Perry Hall, Maryland 21128

James M Westdorp
(Signature)

8/30/2000
(Date)

SEAL

Subscribed and sworn to before me
this 30th day of August, 2000.

Carol S. Parker-Hines, Notary Public

CAROL S. PARKER-HINES
Notary Public, State of Maryland
My Commission Expires
03-23-03

County of Fulton)
State of Georgia) ss.

Michael E. Vaughn
3554 Wood Acres Boulevard
Duluth, Georgia 30096

Michael E. Vaughn
(Signature)

08/28/00
(Date)

SEAL

Subscribed and sworn to before me
this 28th day of August, 2000.

Vickie C. Little, Notary Public
VICKIE C. LITTLE

NOTARY PUBLIC, CHEROKEE COUNTY, GEORGIA
COMMISSION EXPIRES JANUARY 20, 2004