## RECORDATION FORM COVER SHEE PATENTS ONLY

Attorney Docket: 1790CIP

**US Department of Commerce** Patent & Trademark Office

101578526 To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Avanex Corporation Simon Cao William Brian Kinard Street Address: 40919 Encyclopedia Circle **David Michael Rowe** City: Fremont State: CA ZIP: 94538 Additional name(s) & address(es) attached? Additional name(s) of conveying party(ies) attached \_\_\_Yes XX No \_\_Yes XX No Execution Dated: December 15, 2000 3. Nature of conveyance: October 31, 2000 December 14, 2000 XX Assignment Application number(s) or patent number(s): 4. If this document is being filed together with a new application, the execution date of the application is: December 15, 2000; October 31, 2000; and December 14, 2000. B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? \_\_Yes XX No Additional numbers attached? \_\_Yes XX No 6. Total Number of applications and patents Name and address of party to whom 5. involved: One correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41)......\$ 40.00 Joseph A. Sawyer, Jr. Name: \_\_ Enclosed Internal XX Authorized to be charged to Address: Sawyer Law Group LLP deposit account Street 8. Deposit Account No: 02-2120 (Sawyer Law Group LLP) Address: P.O. Box 51418 Palo Alto, California 94303 (Attach copy of this page) Statement and signature. 9. 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. 01/11/2001 DHGUYEN 00000177 022120 09740180 40.00 CH Joseph A. Sawyer, Jr. 01 FC:581

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

Attorney Docket: 1790CIP

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, Simon Cao, William Brian Kinard and David Michael Rowe, do hereby sell, assign, and transfer unto AVANEX Corporation, having a principal place of business at 40919 Encyclopedia Circle, Fremont, California 94538 ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

[X] which has been executed by the un [ ] which was filed on,	dersigned concurrently herewith,
and is entitled:	
	VICE UTILIZING MULTIPLE POLARIZATION BEAM ION-LINEAR INTERFEROMETERS
applications for Letters Patent which have countries on any of said improvements; an	sional, continuing, substitute, renewal, reissue, and all other e been or shall be filed in the United States and all foreign d in and to all original and reissued patents which have been I all foreign countries on said improvements; and in and to all said United States application; and
name; and that, when requested, without classigns and legal representatives, to carry the undersigned will execute all divisional, applications on any and all said improve attorney and other papers; communicate to all facts known to the undersigned relating do everything possible which said Assigned	r and receive Letters Patent for said improvements in its own harge to, but at the expense of, said Assignee, its successors, out in good faith the intent and purpose of this Assignment, continuing, substitute, renewal, reissue, and all other patent ements; execute all rightful oaths, assignments, powers of a said Assignee, its successors, assigns, and representatives, to said improvements and the history thereof; and generally ee, its successors, assigns or representatives shall consider aining proper patent protection for said improvements and for applications for patents and all patents on said improvements, and legal representatives; and
Covenant with said Assignee, its succe grant, mortgage, license, or other agreeme made to others by the undersigned, and possessed by the undersigned.	essors, assigns and legal representatives that no assignment, ent affecting the rights and property herein conveyed has been it that full right to convey the same as herein expressed is
Signed:  Name: Simon Cao	Date: 12 - 15-00
Name: William Brian Kinard	Date: 10-31-00
Name: David Michael Rowe	Date:

PATENT REEL: 011407 FRAME: 0736

Attorney Docket: 1790CIP

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, Simon Cao, William Brian Kinard and David Michael Rowe, do hereby sell, assign, and transfer unto AVANEX Corporation, having a principal place of business at 40919 Encyclopedia Circle, Fremont, California 94538 ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

<ul><li>[X] which has been executed by the undersigned concurrently herewith</li><li>[ ] which was filed on</li></ul>	1,
and is entitled:	

## MULTI-FUNCTIONAL OPTICAL DEVICE UTILIZING MULTIPLE POLARIZATION BEAM SPLITTERS AND NON-LINEAR INTERFEROMETERS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signed:	
Name: Simon Cao	Date:
Name: William Brian Kinard	Date:
Name: David Michael Rowe	Date: 12/14/00

**RECORDED: 12/18/2000** 

PATENT REEL: 011407 FRAME: 0737