

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2849499

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MING CAI	03/12/2006
XUEHUA WU	03/12/2006
GIOVANNI BARBAROSSA	03/04/2006
RECEIVING PARTY DATA	
Name:	AVANEX CORPORATION
Street Address:	40919 ENCYCLOPEDIA CIRCLE
City:	FREMONT
State/Country:	CALIFORNIA
Postal Code:	94538
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7603006
CORRESPONDENCE DATA	
Fax Number:	(412)945-5933
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	4124718815
Email:	assignments@webblaw.com
Correspondent Name:	THE WEBB LAW FIRM PC
Address Line 1:	ONE GATEWAY CENTER, 420 FT. DUQUESNE BLV
Address Line 2:	SUITE 1200
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	7271-140293 135199
NAME OF SUBMITTER:	WILLIAM H. LOGSDON
SIGNATURE:	/William H. Logsdon/
DATE SIGNED:	05/09/2014
Total Attachments: 3	
source=7603006#page1.tif	
source=7603006#page2.tif	
source=7603006#page3.tif	

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Ming Cai
Xuehua Wu
Giovanni Barbarossa

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

2. Name and address of receiving party(ies)

Name: Avanex Corporation

Internal Address: _____

Street Address: 40919 Encyclopedia Circle

City: Fremont

State: California

Country: United States Zip: 94538

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 12, 2006 and March 4, 2006

- Assignment Mergers
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

7,603,006

Additional numbers attached? Yes No

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

Name: William H. Logsdon

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

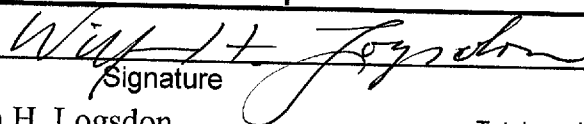
8. Payment Information

a. Credit Card Last 4 Numbers 1916
Expiration Date 05/2015

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

May 9, 2014
Date

William H. Logsdon
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Ming Cai 39224 Guardino Drive #315 Fremont CA 94538	2)	Xuehua Wu 104 Valley Oaks Loop Union City, CA 94587
3)	Giovanni Barbarossa 12430 Curry Court Saratoga, CA 95070		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

OPTICAL SWITCH HAVING ANGLE TUNING ELEMENTS AND MULTIPLE-FIBER COLLIMATORS

enclosed herewith or for which application for Letters Patent in the United States was filed on , under Serial No. , executed on even date herewith; and

WHEREAS, Avonex Corporation, a corporation of the State of Delaware, having a principal place of business at 40919 Encyclopedia Circle, Fremont, California 94538, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any

application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 3/12/06 (DATE)


Ming Cai

2) 3/12/06 (DATE)


Xuehua Wu

3) 3/4/06 (DATE)


Giovanni Barbarossa