

FORM PTO-1595

1-31-92

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

## PATENTS ONLY

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Alcatel  
54 rue La Boétie,  
75008 Paris, France

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Avanex Corporation

Street Address: 40919 Encyclopedia Circle

City/State/Zip: Fremont, California 94538

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

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: July 31, 2003

## 4. Application number(s) or patent number(s): 1

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

A. Patent Application No.(s): 09/924,717

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: U.P. Peter Eng  
Internal Address: FH 1-2  
Wilson Sonsini Goodrich & Rosati  
650 Page Mill Road  
Palo Alto, CA 94304-1050

## 6. Total number of applications and patents involved: [1]


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

☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 23-2415  
(Attorney Docket No.: 201.201)

## DO NOT USE THIS SPACE

## 9. 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.



U.P. Peter Eng, Reg. No. 39,666

Name of Person Signing

Signature

9/11/2003

Date

Total number of pages including cover sheet, attachments, and document: [9]

CH \$40.00 232415 09924717

PATENT

REEL: 013967 FRAME: 0199

2805732.1  
700043853

## PATENT ASSIGNMENT

This Patent Assignment ("Assignment") is made as of July 31, 2003 by Alcatel, a French Company organized and existing under the laws of France, having its registered office 54 rue La Boétie, 75008 Paris, France ("Assignor"), to Avanex Corporation, a Delaware corporation having a place of business at 40919 Encyclopedia Circle, Fremont, California 94538, United States of America ("Assignee").

### RECITALS

A. Assignor, Assignee and Corning Incorporated have entered into a Share Acquisition and Asset Purchase Agreement dated as of May 12, 2003 (the "Purchase Agreement").

B. Assignor owns the patent(s) issued by the United States Patent and Trademark Office and certain foreign patent and trademark offices, as well as patent applications filed with the United States Patent and Trademark Office and certain foreign patent and trademark offices, as set forth on Schedule A hereto (the "Patents").

C. Pursuant to the Purchase Agreement, Assignor desires to assign to Assignee all of Assignor's right, title and interest in and to the Patents.

### AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants and agreements contained in the Purchase Agreement and the covenants and agreements in this Assignment and to induce Assignee to consummate the transactions contemplated by the Purchase Agreement, Assignor agrees as follows:

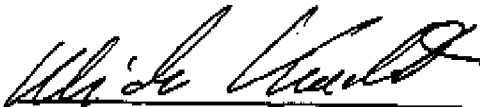
1. Assignor does hereby irrevocably sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest in and to the Patents (and regarding Patents that are patent applications, any patents that may issue therefrom), including any foreign counterparts, patents or patent applications to which the Patents claim priority, divisionals, continuations in whole or in part, reexaminations, reissues or extensions thereof, and the right to claim priority to any of the preceding, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages by reason of past infringements of the Patents and the right to sue for and collect such damages, as permitted under the applicable laws for any jurisdiction or country in which such claims may be asserted (provided, however, that the foregoing does not require Assignor to pay to Assignee any revenues or damages previously recovered or to be recovered pursuant to contracts previously concluded by Assignor, nor does it amend any other written agreements between Assignor and Assignee with respect thereto), for the use and benefit of Assignee and its successors, assigns and other legal representatives.

2. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

IN WITNESS WHEREOF, Assignor has executed this Assignment.

ASSIGNOR

By:

  
Signature

Printed Name: Ulrich Knecht

Title: Director Intellectual Property

**Schedule A**

Certificate of Signature

The signature executed before me above by

Mr. Ulrich K n e c h t ,  
born March 02<sup>th</sup>, 1957,  
Lorenzstr. 10, 70435 Stuttgart,

-identified by ID-Card of the Federal Republic  
of Germany-

is herewith duly certified.

Stuttgart, July 25<sup>th</sup>, 2003

UR-Nr. 406 / 2003



Hans Ulrich K u r z  
Notary Public at Stuttgart

**Schedule A**

REDACTED

ALCATEL patents to be assigned

doclet	Patent card title	country	protection term	date of status	series	filing date	filing No.	publication date	publication No.	grant date	grant No.
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111617	Specimen camera configuration for high coupling efficiencies in optical modules	EP	EPA	36601	EXA	871100	00440227.7	2/27/02	1182479		
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May 9th, 2003



4962

111817


Ambrosy, Anton; Tiefenbronn, Germany

Lestra, Alexis; Ruoms, France

ALCATEL

Buy PDF	Publication	Pub. Date	Filed	Title
✓ 	US20020031306A1	2002-03-14	2001-08-09	Modal field converter for a highly efficient coupling in optical modules, 924717
	JP2002196196A2	2002-07-10	2001-08-06	MODAL FIELD CONVERTER FOR HIGHLY EFFICIENT COUPLING IN OPTICAL MODULE
✓ 	EP1182479A1	2002-02-27	2000-08-11	Modes converter for higher coupling efficiency in optical moduls, EP2000000440227
3 family members shown above				





**UNITED STATES PATENT AND TRADEMARK OFFICE**

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Classifications and Information

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**Search results for application number: 09/924,717 ✓**

Application Number: 09/924,717	Customer Number: -	Publications -- Issue Fee Matched with File
Filing or 371(c) Date: 08-09-2001	Status: File	
Application Type: Utility	Status Date: 09-08-2003	
Examiner Name: SIKDER, MOHAMMAD YUNUS	Location: PUBS - FINAL DATA CAPTURE (FILE UNAVAILABLE)	
Group Art Unit: 2872	Location Date: 09-10-2003	
Confirmation Number: 3948	Earliest Publication No: US 2002-0031306 A1 ✓	
Attorney Docket Number: Q65466	Earliest Publication Date: 03-14-2002	
Class/ Sub-Class: 385/043	Patent Number: -	
First Named Inventor: Anton Ambrosy, Tiefenbronn, (DE)	Issue Date of Patent: -	
Title Of Invention: MODAL FIELD CONVERTER FOR A HIGHLY EFFICIENT COUPLING IN OPTICAL MODULES		

PTA History

Continuity Data

Published Documents

File Contents History		
Number	Date	Contents Description
29	09-10-2003	Receipt into Pubs
28	09-08-2003	Application Is Considered Ready for Issue
27	08-04-2003	Mailroom Date of Issue Fee Payment
26	08-09-2001	Workflow - Drawings Finished
25	08-09-2001	Workflow - Drawings Matched with File at Contractor
24	08-04-2003	Issue Fee Payment Recorded
23	07-17-2003	Receipt into Pubs
22	06-02-2003	Workflow - File Sent to Contractor