12-27-2000 **U.S. Department of Commerce** Patent and Trademark Office TRADEMARK 101563075 RECORDATION FORM COVER SHEET TRADEMARKS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les Submission Type Conveyance Type New License **Assignment** Resubmission (Non-Recordation) Security Agreement **Nunc Pro Tunc Assignment** Document ID # Effective Date Month Day Year **Correction of PTO Error** Merger Reel # Frame # Change of Name **Corrective Document** Other previously recorded error Reel # | 002028 Frame # | 0586 Conveying Party Mark if additional names of conveying parties attached **Execution Date** Month Day Year Name AMS Optotech GmbH 10/20/00 **Formerly** Individual General Partnership Limited Partnership Corporation **Association** XX Other **GmbH** Citizenship/State of Incorporation/Organization Receiving Party Mark if additional names of receiving parties attached Adva AG Optical Networking DBA/AKA/TA Composed of Fraunhoferstrasse 22 Address (line 1) Address (line 2) Address (line 3) D-82152 Germany Martinsried State/Country Zip Code If document to be recorded is an General Partnership Individual Limited Partnership assignment and the receiving party is not domiciled in the United States, an Corporation **Association** appointment of a domestic representative should be attached. XX Other Joint Stock Company (Designation must be a separate document from Assignment.) Citizenship/State of Incorporation/Organization FOR OFFICE USE ONLY 00000181 75464370 12/26/2000 GTON11

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FORM PTO- Expires 06/30/99 OM8 0651-0027		Page 2	U.S. Department of Commerce Patent and Trademark Office TRADEMARK
Domestic R	epresentative Name and	Address Enter for the first Re	
Name	Russell D. Culberts		carry carry.
Address (line 1)	Shaffer & Culbertson	ı, L.L.P.	
Address (line 2)	1250 Capital of Texa	as Hwy. South	
Address (line 3)	Building One, Suite	360	
Address (line 4)	Austin, Texas 78746	Ó	
Correspond	lent Name and Address	Area Code and Telephone Number	512-327-8932
Name (Russell D. Culbertso		JIE 327 033E
Address (line 1)	Shaffer & Culbertson	1, L.L.P.	
Address (line 2)	1250 Capital of Texa	as Hwy. S.	
Address (line 3)	Bldg. One, Ste. 360		
Address (line 4)	Austin, Texas 78746		
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Trademark A		r Registration Number(s)	Mark if additional numbers attached
Enter either the	Trademark Application Number <u>or</u> ti	he Registration Number (DO NOT ENTER BOT	
75/464,370	emark Application Number(s) Registr	ation Number(s)
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Number of F	Properties		
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Fee Amount		or Properties Listed (37 CFR 3.41):	\$ 40.00
Method of Deposit A		sed XX Deposit Account	
	ayment by deposit account or if addi	tional fees can be charged to the account.)	# 19-1453
	De	eposit Account Number:	# 19-1433
		uthorization to charge additional fees:	Yes XX No
	nd Signature		
		lief, the foregoing information is true and riginal decument. Charges to deposit ac	-
indic	ated herein.	L).	•
Russell I	O. Culbertson	$ M$ \sim	December 8, 2000
Name o	of Person Signing	Stonature	Date Signed

OMB 0851-0027

Individual

C:481 C:482 Corporation

U.S. Department of Commerce Patent and Trademark Office TRADEMARK

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TRADE	MARKS ONLY		
TO: The Commissioner of Patents and Trademarks:	Please record the attached original document(s) or copy(ies).		
Submission Type *	Conveyance Type		
X New	X Assignment License		
Resubmission (Non-Recordation) Document ID #	Security Agreement Nunc Pro Tunc Assignment Effective Date		
Correction of PTO Error	Merger Month Day Year		
Reel # Frame # Corrective Document	Change of Name		
Reel # Frame #	Other		
Conveying Party	Mark if additional names of conveying parties attached Execution Date		
Name AMS Optotech GmbH	Month Day Year 06 28 99		
AND OPECCECH CHIDIT	00 20 33		
Formerly			
Individual General Partnership	Limited Partnership Corporation Association		
X Other GmbH			
Citizenship/State of Incorporation/Organization			
Receiving Party	Mark if additional names of receiving parties attached		
Name Adva Ag Optical Networki	ng		
DBA/AKA/TA			
Composed of			
Address (line 1) Fraunhoferstrasse 22			
Address (line 2)			
Address (line 1) Martinsried	Germany D-82152		

Citizenship/State of Incorporation/Organization FOR OFFICE USE ONLY 12/2000 DNGUYEN 00000088 75464470 40.00 OP

General Partnership

Association

Other | Joint stock company

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State/Country

Limited Partnership

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Zip Code

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appointment of a domestic representative should be attached. (Designation must be a separate

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assignment and the receiving party is not domiciled in the United States, an

FORM PTO-1618B Expires 0600099 OMB 0551-0027	Page 2	U.S. Department of Commerce Patient and Trademark Office TRADEMARK
Domestic Representative Name a	nd Address Enter for the first Re	
Name Russell D. Culberts	son	
Address (No. 1) Shaffer & Culbertso	on, L.L.P.	
Address (line 2) 1250 Capital of Tex	as Hwy., S.	
Address (Iline 3) Building 1, Suite 3	360	
Address (line 4) Austin, TX 78746		
Correspondent Name and Addres	Area Code and Telephone Number 51	2-327-8932
Name Russell D. Culberts	son	
Address (line 1) Shaffer & Culberts	on, L.L.P.	
Address (Ilne 2) 1250 Capital of Tex	kas Hwy., S.	
Address (line 3) Building 1, Suite 3	360	
Address (Nne 4) Austin, TX 78746		
Pages Enter the total number of including any attachmen	f pages of the attached conveyance do	cument # 3
Trademark Application Number(s	or Registration Number(s)	Mark if additional numbers attached
	or the Registration Number (DO NOT ENTER BO	TH numbers for the same property). tration Number(s)
Trademark Application Numb	er(s) Regist	iduoti (dumber(s)
75/464,371		
Number of Properties Enter the t	otal number of properties involved.	# 2
Fee Amount Fee Amour	nt for Properties Listed (37 CFR 3.41):	\$ 80.00
	nclosed X Deposit Account	
Deposit Account (Enter for payment by deposit account or if	additional fees can be charged to the account.)	# 19-1453
	Deposit Account Number:	
	Authorization to charge additional fees:	Yes X No
Statement and Signature	d halied the faregoing information is 1818 31	nd correct and any
Fo the best of my knowledge and attached copy is a true copy of the	d belief, the foregoing information is true al he original document. Charges to deposit a	account are authorized, as
indicated herein.	6)	25 RPL
Russell D. Culbertson		January 26, 2000
Name of Person Signing	Signature	Date Signed

ASSIGNMENT

WHEREAS, AMS Optotech GmbH is the owner of the marks ADVA and ABRAXAS and is also the owner of the following pending U.S. trademark applications for registrations and German trademark registrations for these marks:

German Trademark Registration

<u>Mark</u>	Registration No.	<u>Issue Date</u>
ADVA	397 48 065.2	April 16, 1998
ABRAXAS	397 48 064.4	March 5, 1998

U.S. Trademark Applications

<u>Mark</u>	<u>Serial No.</u>	<u>Filing Date</u>
	3	
ADVA	75/464, 4 70	April 8, 1998
ABRAXAS	75/464,371	April 8, 1998

WHEREAS, ADVA AG Optical Networking, a business organized and existing under the laws of Germany and having its principal offices at Fraunhoferstrasse 22, D-82152, Martinsried, GERMANY, is desirous of acquiring said marks, U.S. trademark applications and German trademark registrations and has the intent to use said marks in the United States in the manner described in said U.S. trademark applications,

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, AMS Optotech GmbH hereby assigns to ADVA AG Optical Networking all right, title and interest in and to said trademarks German trademark registrations, and U.S. trademark applications together with the goodwill of the business symbolized by said trademarks.

Signed this ______, day of ______, 1999

AMS OPTOTECH GmbH

By:

AMS OPTOTECH GMDH

Bodo Clemens - Authorized Signatory

Dominikus Schweighart - Authorized Signatory

C:\MJR\a-d\AMS\ASSIGN2.DOC

ASSIGNMENT

WHEREAS, AMS Optotech GmbH is the owner of the marks ADVA and ABRAXAS and as also the owner of the following pending U.S. trademark applications for registration; and German trademark registrations for these marks:

German Trademark Registration

<u>Edork</u>	Registration No.	<u>Issue Date</u>
ADVA	397 48 065.2	April 16, 1990
ABRAKAS	397 48 064.4	March 5, 1993

U.S. Trademark Applications

<u>Mark</u>	<u>Serial No.</u>	Filing Date
ADVA	75/464,370	April 8, 1998
ABRAXAS	75/464,371	April 8, 1998

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S gned this 20th day of October 2000

By:

AMS OPPOTECH

Fraunhoferstr. 22, 82152 Martinsried/Mchn Telefon 089/89577-0, Fax 089/89577-199 Email optotech@ams.de

RECORDED: 12/11/2000

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AMS OPTOTECH GmbH

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Bodo Slemens, Authorized Signatory

AMS OPTOTECH GrabH

Judith de Forrest Wilson

Ceschäftsfährer