

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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)

David F. Smith
Thomas D. Stephens

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

2. Name and address of receiving party(ies)

Name: Corvis Corporation

Internal Address: Office of the General Counsel

Street Address: 1122 Capital of Texas Highway South

City: Austin

State: Texas

Country: United States of America Zip: 78746-6426

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

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

Execution Date(s) July 7, 2003, July 4, 2003

- Assignment Merger
- 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)

11/799,804
11/800,023

B. Patent No.(s)

7,215,463

Additional numbers attached? Yes No

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

Name: Darren E. Wolf

Internal Address: Dickie, McCamey & Chilcote, P.C.

Street Address: Two PPG Place, Suite 400

City: Pittsburgh

State: Pennsylvania Zip: 15222-5402

Phone Number: 412-392-5681

Fax Number: 412-392-5650

Email Address: d.wolf@dmclaw.com

6. Total number of applications and patents involved: Three (3)

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 120

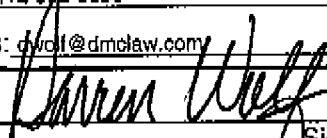
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- None required (government interest not affecting title)

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a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-3198

Authorized User Name Darren E. Wolf

9. Signature:

Signature

June 14, 2007

Date

Darren E. Wolf

Name of Person Signing

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

4

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

CH \$120.00 503198 11799804

ASSIGNMENT OF INVENTION

For: U.S. and/or Foreign Rights
 For: U.S. Application or U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

In consideration of the payment by ASSIGNEE(S) to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S)

David F. Smith	7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400	GB
name of Assignor	Address	Nationality

Thomas D. Stephens	7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400	Australian
name of Assignor	Address	Nationality

Recorded on _____ Reel _____ Frame _____

hereby sells, assigns and transfers to

ASSIGNEE(S):

CORVIS Corporation	7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400	Delaware Corporation
(name of ASSIGNEE)	Address	Nationality

and the successors, assigns and legal representatives of the ASSIGNEE(S)

- the entire right, title and interest for the United States and its territorial possessions
- an undivided _____ percent (_____ %) interest for the United States and its territorial possessions
- and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Optical Transmission Systems including Optical Amplifiers and Methods of Use Therein

and which is found in

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on _____
- (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention
- Express mail label no.: _____ Mailed: _____
- To comply with 37 CFR 3.21 for recordal of this assignment, ASSIGNOR(S) signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d) U.S. application no. 10/336,929 filed on January 6, 2003.
- (e) International application no. _____ filed on _____
and amended on _____.

PATENT

REEL: 019440 FRAME: 0770

DOCKET NO. 000706DSPCTUS

PATENT

(f) U.S. patent no. _____ issued _____

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(g) and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE(S) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE(S) or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, ASSIGNOR(S) have hereunto set hand and seal this:

7/7/03
~~7/7/03~~ DE

David F. Smith

David F. Smith

Name of Assignor or
Name & Title of Person entitled to sign on
behalf of Assignor

Signature of Assignor or
Person entitled to sign on behalf of Assignor

Date

Place of signing of assignment

City/County :Columbia/Howard County

State :Maryland

Country :United States of America

Before me this 7 day of July, 2003 personally appeared David F. Smith, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged its contents of their own free will for the purpose therein expressed.

Mary Marie Donahy

Notary Public or Consular Officer of the United States of America

Thomas D. Stephens

T. Stephens

7/4/03

Name of Assignor or
Name & Title of Person entitled to sign on
behalf of Assignor

Signature of Assignor or
Person entitled to sign on behalf of Assignor

Date

Place of signing of assignment

City/County :Columbia/Howard County

State :Maryland

Country :United States of America

Before me this 4 day of July, 2003 personally appeared Thomas D. Stephens, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged its contents of their own free will for the purpose therein expressed.

Sharon J. Marrocelli

Notary Public or Consular Officer of the United States of America

PATENT



Integrity. Experience. Solutions.

FACSIMILE

PLEASE HAND DELIVER, AS SOON AS POSSIBLE, THE FOLLOWING FACSIMILE TRANSMISSION TO:

NAME:	Assignment Fax Number	DATE:	June 15, 2007
COMPANY:	U.S. Patent and Trademark Office	PHONE NO.:	
FAX NO.:	571-273-0140	RE:	Assignment Recordation for U.S. Patent Number 7,215,463, Application Numbers 11/799,804 and 11/800,023
FILE NO.:	0283171	FROM:	Darren E. Wolf
CLIENT NO.:	0051764	TOTAL NUMBER OF PAGES (including cover sheet):	5

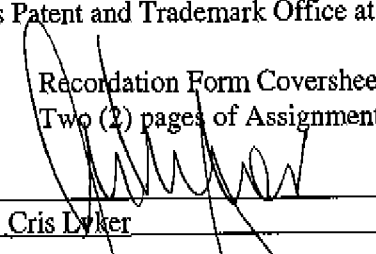
MESSAGE: Assignment Recordation

Patent Number: 7,215,463
Application Numbers: 11/799,804 and 11/800,023

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the following papers and their attachments are being transmitted by facsimile to the United States Patent and Trademark Office at the fax number and on the date indicated above.

1. Recordation Form Coversheet (2 copies);
2. Two (2) pages of Assignment documents.

Signature: 
Name: Cris Dyker

IF YOU HAVE ANY PROBLEMS RECEIVING THIS TRANSMISSION,

PLEASE CONTACT: Darren E. Wolf PHONE NO.: 412-392-5681 FAX NO.: 412-392-5650

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU.

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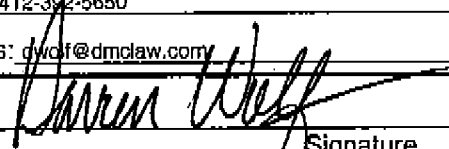
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