

08-23-2001



Form PTO-1595  
(Rev. 03/01)

101820769

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

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

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

1. Name of conveying party(ies): **8-15-01**  
  
Derek W. Meeker, Alistair J. Price  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: Corvis Corporation  
Internal Address: ATTN: Intellectual Property Department  
**7/19 15 2001**  
Street Address: 7015 Albert Einstein Drive, P.O. Box 9400  
City: Columbia State: MD Zip: 21046-9400  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
  
August 03, 2001  
Execution Date:

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No.(s)  
09/900,328

B. Patent No.(s)  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Corvis Corporation  
Internal Address: ATTN: Intellectual Property Department  
  
Street Address: 7015 Albert Einstein Drive, P.O. Box 9400  
City: Columbia State: MD Zip: 21046-9400

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 account  
  
8. Deposit account number:  
500477  
  
(Attach duplicate copy of this page if paying by deposit account)

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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.*  
Darren E. Wolf  
  
Name of Person Signing  
  
Signature: *Darren Wolf*  
Date: *Aug. 3, 2001*

Total number of pages including cover sheet, attachments, and documents:  5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

08/22/2001 LMJELLER 00000100 500477 09900328  
01 FC:581 40.00 CH

PATENT  
REEL: 012086 FRAME: 0697

### 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)**

Derek W. Meeker	7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400	US
name of Assignor	Address	Nationality

Alistair J. Price	7015 Albert Einstein Drive, P.O. Box 9400, Columbia, MD 21046-9400	GB
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 Apparatuses, Methods, and Systems**

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.: 09/900,328 filed on July 06, 2001.


- (e)  International application no. filed on \_\_\_\_\_ and amended on \_\_\_\_\_.
- (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.

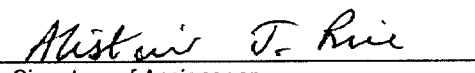
ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

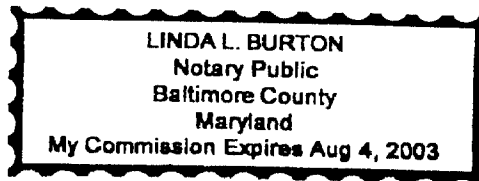
ASSIGNOR(S) further covenants that ASSIGNEE(S) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, 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:

WARNING: The date of signing must be the same as the date of execution of the declaration, if item (a) was checked above.

Derek W. Meeker		8-3-2001
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

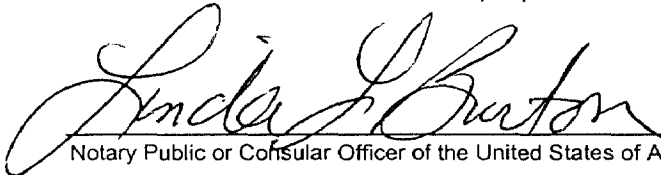
Alistair J. Price		8/3/01
Name of Assignor or Name & Title of Person entitled to sign on behalf of Assignor	Signature of Assignor or Person entitled to sign on behalf of Assignor	Date

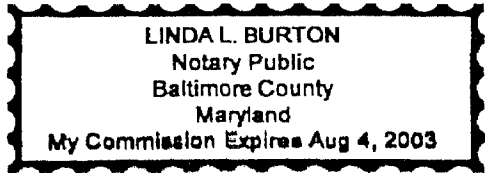


Place of signing of assignment

City/County : Columbia/Howard County  
State : Maryland  
Country : United States of America

Before me this 3<sup>rd</sup> day of August, 2001 personally appeared Derek W. Meeker and Alistair J. Price, to me known to be the person(s) who  is  are described in and who executed the foregoing assignment instrument and acknowledged its contents of their own free will for the purpose therein expressed.

  
Notary Public or Consular Officer of the United States of America



NOTE: Notarization of this document is only prima facie evidence of execution, 35 USC 261.