


<div>Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼</div>		<b>RECORDATION FORM COVER SHEET PATENTS ONLY</b>		<div>U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office</div>	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
<div>1. Name of conveying party(ies): Cinta Networks Corp.</div> <div>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>			<div>2. Name and address of receiving party(ies) Name: <u>Corvis Corporation</u> Internal Address: _____ _____ _____ Street Address: <u>7015 Albert Einstein Drive</u> _____ _____ City: <u>Columbia</u> State: <u>MD</u> Zip: <u>21046</u> Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>		
<div>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>8/7/2002</u></div>					
<div>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) <u>09/656,580;</u> <u>09/648,518; 09/896,843; 09/896,813</u> B. Patent No.(s) <u>6,369,923</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>					
<div>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Corvis Corporation</u> Internal Address: <u>Darren E. Wolf</u> _____ _____ Street Address: <u>7015 Albert Einstein Drive</u> <u>P.O. Box 9400</u> City: <u>Columbia</u> State: <u>MD</u> Zip: <u>21046-9400</u></div>			<div>6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41).....\$ <u>200</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>500477</u></div>		
<b>DO NOT USE THIS SPACE</b>					
<div>9. Signature. <div style="display:flex; justify-content:space-between; align-items:flex-end"><div><u>Darren E. Wolf</u> Name of Person Signing</div><div> Signature</div><div><u>March 25, 2004</u> Date</div></div><div>Total number of pages including cover sheet, attachments, and documents: <u>4</u></div></div>					

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
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CH \$200.00 500477 09656580

ASSIGNMENT OF INTELLECTUAL PROPERTY

For: ☒ U.S. and/or ☒ Foreign Rights  
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)

Cinta Networks Corp.	3010 North First Street, San Jose, CA 95134	
Name of Assignor	Address	Nationality

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_ Frame \_\_\_\_\_

hereby sells, assigns and transfers to.

ASSIGNEE(S):

CORVIS Corporation                      7015 Albert Einstein Drive                      Delaware Corporation

	Columbia, Maryland 21046-9400	
(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
- ☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements in all Intellectual Property owned or licensed by the ASSIGNOR(S) or in which ASSIGNOR(S) have a right, whether assigned or not, and including the patent, patent applications, trademarks, and trademark applications set forth in Attachment A.
- ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent and trademarks to be obtained for said Intellectual Property, 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:

Cinta Networks Corp.		8/7/02
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

## ASSIGNMENT OF INTELLECTUAL PROPERTY

## ATTACHMENT A

Patents/Patent Applications		
Serial/Patent Number	TITLE	Filing/Issue Date
US Patent No. 6,369,923	Multiwavelength Stabilization with a Single Reference Comb Filter in DWDM Systems	Issue Date: April 09, 2002
[REDACTED]	[REDACTED]	[REDACTED]
US Ser. No. 09/656,580	Multifunction Optical Transmitter for DWDM System Application	Filing Date: Sept. 06, 2000
[REDACTED]	[REDACTED]	[REDACTED]
US Ser. No. 09/648,518	Scalable DWDM Network Switch Architecture with Wavelength Tunable Sources	Filing Date: Aug. 25, 2000
[REDACTED]	[REDACTED]	[REDACTED]
US Ser. No. 09/896,843	Cinta Optical Network SPF+	Filing Date: June 29, 2001
[REDACTED]	[REDACTED]	[REDACTED]
US Ser. No. 09/896,813	Method for Wavelength Router Network Restoration	Filing Date: June 29, 2001
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]