

ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Addendum to Intellectual Property Security Agreement is executed pursuant to, and is an addendum to, an Intellectual Property Security Agreement. This Addendum to Intellectual Property Security Agreement is presented for recordation as constructive notice that TRIPATH IMAGING, INC. ("Assignor"), with its principal office at 780 Plantation Drive, Burlington, NC, the owner of the intellectual property identified in the exhibits attached hereto, has granted to SILICON VALLEY BANK ("Assignee"), with its principal office at 3003 Tasman Drive, Santa Clara, CA 95054, a security interest in the intellectual property, and the exclusive rights comprised in the intellectual property, to secure payment of a debt.

IN WITNESS WHEREOF, Assignor has executed this Addendum to Intellectual Property Security Agreement as of 4/15/05

Tripath Imaging, Inc.

By: James D. Everhart
Name: JAMES D. EVERHART
Title: DIRECTOR OF FINANCE
& TREASURER

Exhibit "A" attached to that certain Addendum to Intellectual Property Security Agreement.

EXHIBIT "A"
COPYRIGHTS

SCHEDULE A - ISSUED COPYRIGHTS

<u>COPYRIGHT DESCRIPTION</u>	<u>REGISTRATION NUMBER</u>	<u>DATE OF ISSUANCE</u>
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SCHEDULE B - PENDING COPYRIGHT APPLICATIONS

<u>COPYRIGHT DESCRIPTION</u>	<u>APPLICATION NUMBER</u>	<u>DATE OF FILING</u>	<u>DATE OF CREATION</u>	<u>FIRST DATE OF PUBLIC DISTRIBUTION</u>
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SCHEDULE C - UNREGISTERED COPYRIGHTS (Where No Copyright Application is Pending)

<u>DESCRIPTION</u>	<u>CREATION</u>	<u>DISTRIBUTION FROM</u>	<u>ASSIGNOR</u>
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EXHIBIT "B"
PATENTS

<u>PATENT DESCRIPTION</u>	<u>SERIAL NO.</u>	<u>FILING DATE</u>	<u>STATUS</u>
Video microscopy system & multi-view virtual slide Registered viewer capable of simultaneoustly acquiring & displaying various digital views of an area of interest Located on a microscopic slide	10/143,735 ✓	5/10/02	
Method for quatitative video-microscopy & associated system and computer software program product	10/057,729 ✓	1/24/02	Registered
Method for quatitative video-microscopy & associated system and computer software program product	09/957,446 ✓	9/19/01	Registered
Cell adhesion solution	6,657,003 ✓	8/7/01	Registered
Interactive methods & appratus for sorting biological specimens	6,252,979 ✓	6/7/95	Registered
Dynamic control & decision making method & apparatus	6,198,839 ✓	9/5/97	Registered
Apparatus for identification of free-lying cells	6,134,354 ✓	7/22/98	Registered
Cytological system illumination integrity checking apparatus & method	6,067,370 ✓	8/15/97	Registered

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EXHIBIT "C"
TRADEMARKS

<u>TRADEMARK DESCRIPTION</u>	<u>SERIAL NO.</u>	<u>REG. NO</u>	<u>STATUS</u>
Tripath Oncology	76-423,903 ✓		Pending
Tripath Care Technologies	76-375,202 ✓		Pending
Prepstain	76-341,485 ✓		Pending
I3 series	76-340,060 ✓		Pending
Surepath	76-340,059 ✓		Pending
Tripath Care Technologies	76-339,228 ✓		Pending
Focalpoint	76-339,227 ✓		Pending
PROEX	78-499768		
Cytorich		2,656,173 ✓	Registered
Prepmate		2,612,405 ✓	Registered
Tripath Imaging		2,594,945 ✓	Registered
Tripath Imaging		2,550,636 ✓	Registered
Slidewizard		2,540,816 ✓	Registered
Autocyte		2,305,499 ✓	Registered
Autocyte Quic		2,358,062 ✓	Registered
Imagetiter		2,125,954 ✓	Registered
Autopap		1,834,157 ✓	Registered

Exhibit "D" attached to that certain Addendum to Intellectual Property Security Agreement.

EXHIBIT "D"
SERVICE MARKS

<u>SERVICE MARK</u>	<u>DESCRIPTION</u>	<u>COUNTRY</u>	<u>SERIAL NO.</u>	<u>REG. NO</u>	<u>STATUS</u>
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