

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
-------------------------	----------------

<b>NATURE OF CONVEYANCE:</b>	PATENT SECURITY AGREEMENT
------------------------------	---------------------------

<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
R2 TECHNOLOGY, INC.	10/22/2007

<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOLDMAN SACHS CREDIT PARTNERS L.P.
<b>Street Address:</b>	650 Town Center Drive, 20th Floor
<b>City:</b>	Costa Mesa
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92626

<b>PROPERTY NUMBERS Total: 56</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	5815591
Patent Number:	6263092
Patent Number:	6640001
Patent Number:	7072498
Application Number:	10306016
Application Number:	10288151
Application Number:	10306398
Application Number:	10142704
Patent Number:	6909794
Application Number:	10998238
Patent Number:	6909795
Application Number:	11147674
Patent Number:	6909797
Application Number:	11087820
Application Number:	11173960

**OP \$2240.00 5815591**

Application Number:	11344832
Application Number:	11323939
Application Number:	11602575
Application Number:	10622978
Application Number:	11600246
Patent Number:	6925200
Patent Number:	7072501
Application Number:	11438779
Application Number:	11026603
Patent Number:	7054473
Application Number:	10040498
Application Number:	09991819
Patent Number:	6580818
Patent Number:	6301378
Patent Number:	6035056
Application Number:	11344834
Patent Number:	7203348
Application Number:	11416646
Patent Number:	7174515
Application Number:	11344838
Patent Number:	7146031
Application Number:	11634434
Patent Number:	6075879
Patent Number:	6198838
Patent Number:	6404908
Application Number:	10152462
Application Number:	09990508
Patent Number:	6014452
Application Number:	11344833
Application Number:	10623191
Application Number:	10998121
Application Number:	11208271
Patent Number:	6766043
Application Number:	11419980
Application Number:	10261182

Application Number:	10261196
Application Number:	11026558
Patent Number:	5917929
Patent Number:	7272250
Application Number:	09993791
Application Number:	09993793

**CORRESPONDENCE DATA**

Fax Number: (714)755-8290  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 714-540-1235  
Email: ipdocket@lw.com, kristin.azcona@lw.com  
Correspondent Name: LATHAM & WATKINS LLP  
Address Line 1: 650 Town Center Drive, 20th Floor  
Address Line 4: Costa Mesa, CALIFORNIA 92626

ATTORNEY DOCKET NUMBER:	022411-0808
NAME OF SUBMITTER:	Kristin J. Azcona

**Total Attachments: 28**  
source=Hologic Patent Security Agreement#page1.tif  
source=Hologic Patent Security Agreement#page2.tif  
source=Hologic Patent Security Agreement#page3.tif  
source=Hologic Patent Security Agreement#page4.tif  
source=Hologic Patent Security Agreement#page5.tif  
source=Hologic Patent Security Agreement#page6.tif  
source=Hologic Patent Security Agreement#page7.tif  
source=Hologic Patent Security Agreement#page8.tif  
source=Hologic Patent Security Agreement#page9.tif  
source=Hologic Patent Security Agreement#page10.tif  
source=Hologic Patent Security Agreement#page11.tif  
source=Hologic Patent Security Agreement#page12.tif  
source=Hologic Patent Security Agreement#page13.tif  
source=Hologic Patent Security Agreement#page14.tif  
source=Hologic Patent Security Agreement#page15.tif  
source=Hologic Patent Security Agreement#page16.tif  
source=Hologic Patent Security Agreement#page17.tif  
source=Hologic Patent Security Agreement#page18.tif  
source=Hologic Patent Security Agreement#page19.tif  
source=Hologic Patent Security Agreement#page20.tif  
source=Hologic Patent Security Agreement#page21.tif  
source=Hologic Patent Security Agreement#page22.tif  
source=Hologic Patent Security Agreement#page23.tif  
source=Hologic Patent Security Agreement#page24.tif  
source=Hologic Patent Security Agreement#page25.tif  
source=Hologic Patent Security Agreement#page26.tif  
source=Hologic Patent Security Agreement#page27.tif  
source=Hologic Patent Security Agreement#page28.tif

**PATENT**

## PATENT SECURITY AGREEMENT

This Patent Security Agreement, dated as of October 22, 2007 (as it may be amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement"), is made and entered into by and between Hologic, Inc., R2 Technology, Inc., Suros Surgical Systems, Inc., BioLucent, LLC, Direct Radiography Corp., Cytoc Corporation and Cytoc Surgical Products Limited Partnership (collectively, the "Grantors"), and Goldman Sachs Credit Partners L.P., in its capacity as collateral agent for the Secured Parties (together with any successors and assigns thereto in such capacity, the "Collateral Agent").

### WITNESSETH:

WHEREAS, Grantors are party to a Pledge and Security Agreement dated as of October 22, 2007 (as it may be amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Pledge and Security Agreement") between each of the Grantors and the other grantors thereto and the Collateral Agent pursuant to which the Grantors are required to execute and deliver this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Secured Parties to enter into the Credit Agreement, the Grantors hereby agree with the Collateral Agent, as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Pledge and Security Agreement and used herein have the meaning given to them in the Pledge and Security Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. Each Grantor hereby grants to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing lien on all of such Grantor's right, title and interest in, to and under the following, in each case whether now owned or existing or hereafter acquired, created or arising and wherever located (collectively, the "Patent Collateral"):

all United States and foreign patents and certificates of invention, inventions or similar industrial property rights, and applications for any of the foregoing, including, but not limited to: (i) each patent and patent application referred to on Schedule I hereto, (ii) all reissues, divisions, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (iii) all improvements thereto, (iv) the right to sue or otherwise recover for past, present and future infringements thereof, (v) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due and/or payable with respect thereto, and (vi) all other rights of any kind accruing thereunder or pertaining thereto throughout the world.

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent for the Secured Parties pursuant to the Pledge and

Security Agreement, and the Grantors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Pledge and Security Agreement, the provisions of the Pledge and Security Agreement shall control.

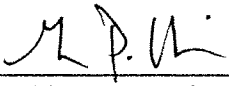
SECTION 4. Applicable Law. This Patent Security Agreement and the rights and obligations of the parties hereunder shall be governed by, and shall be construed and enforced in accordance with, the laws of the State of New York, without regard to its conflicts of law provisions (other than Section 5-1401 and Section 5-1402 of the New York General Obligation Laws).

SECTION 5. Counterparts. This Patent Security Agreement may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument.


[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.


**HOLOGIC, INC.,**  
as Grantor

By:   
Name: Glenn P. Muir  
Title: Executive Vice President Finance and  
Administration

**R2 TECHNOLOGY, INC.,**  
as Grantor


By:   
Name: Glenn P. Muir  
Title: Executive Vice President, Treasurer and  
Secretary

**SUROS SURGICAL SYSTEMS, INC.,**  
as Grantor

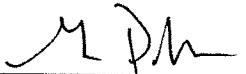
By:   
Name: Glenn P. Muir  
Title: Executive Vice President, Treasurer and  
Secretary

**BIOLUCENT, LLC,**  
as Grantor


By: Hologic, Inc.,  
Its Sole Manager

By:   
Name: Glenn P. Muir  
Title: Executive Vice President Finance and  
Administration

**DIRECT RADIOGRAPHY CORP.,**  
as Grantor

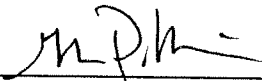
By:   
Name: Glenn P. Muir  
Title: Executive Vice President, Treasurer and  
Secretary

**CYTYC CORPORATION,**  
as Grantor

By:   
Name: Glenn P. Muir  
Title: Executive Vice President, Treasurer and  
Secretary

**CYTYC SURGICAL PRODUCTS, LIMITED  
PARTNERSHIP,**  
as Grantor

By: Cytoc Corporation,  
Its General Partner

By:   
Name: Glenn P. Muir  
Title: Executive Vice President, Treasurer and  
Secretary

Accepted and Agreed:

**GOLDMAN SACHS CREDIT PARTNERS L.P.,**  
as Collateral Agent

By: 

Name:

Title:

**BRUCE H. MENDELSON**  
**AUTHORIZED SIGNATORY**

Patent Security Agreement

**PATENT**  
**REEL: 020024 FRAME: 0238**



SCHEDULE I  
to  
PATENT SECURITY AGREEMENT

PATENTS AND PATENT APPLICATIONS

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Method and Apparatus for Controlled Instrumentation of Particles with a Filter Device	07/717,090	5185084	Granted	United States of America	18-Jun-1991	09-Feb-1993	Cytc Corporation
Method and Apparatus for Controlled Instrumentation of Particles with a Filter Device	07/884,622	5266495	Granted	United States of America	15-Jan-1992	30-Nov-1993	Cytc Corporation
Method and Apparatus for Controlled Instrumentation of Particles with a Filter Device	08/061,928	6010909	Granted	United States of America	13-May-1993	04-Jan-2000	Cytc Corporation
Method and Apparatus for Controlled Instrumentation of Particles with a Filter Device	09/417,785	6225125	Granted	United States of America	14-Oct-1999	01-May-2001	Cytc Corporation
Thionin Stain Technique	07/797,312	5168066	Granted	United States of America	25-Nov-1991	01-Dec-1992	Cytc Corporation
Method and Apparatus for Preparing Cells for Examination	07/550,142	5143627	Granted	United States of America	09-Jul-1990	01-Sep-1992	Cytc Corporation
Method and Apparatus for Preparing Cells for Examination	07/937,247	5240606	Granted	United States of America	24-Aug-1992	31-Aug-1993	Cytc Corporation
Cell Preservative Solution	07/694,452	5256571	Granted	United States of America	01-May-1991	26-Oct-1993	Cytc Corporation
Apparatus for Collection and Transfer of Particles and Manufacture Thereof	07/843,571	5364597	Granted	United States of America	28-Feb-1992	15-Nov-1994	Cytc Corporation
Apparatus for Collection and Transfer of Particles and Manufacture Thereof	08/285,416	5503802	Granted	United States of America	03-Aug-1994	02-Apr-1996	Cytc Corporation
Apparatus for Collection and Transfer of Particles and Manufacture Thereof	08/592,010	5772818	Granted	United States of America	26-Jan-1996	30-Jun-1998	Cytc Corporation
Systems and Methods for Collecting Fluid Samples Having Select Concentrations of Particles	08/742,647	5942700	Granted	United States of America	01-Nov-1996	24-Aug-1999	Cytc Corporation
Systems and Methods for Collecting Fluid Samples Having Select Concentrations of Particles	09/372,146	6318190	Granted	United States of America	20-Aug-1999	20-Nov-2001	Cytc Corporation
Systems and Methods for Collecting Fluid Samples Having Select Concentrations of Particles	-374452	6634244	Granted	United States of America	12-Nov-2001	21-Oct-2003	Cytc Corporation
Sample Vial for Use in Preparing Cytological Specimen	09/156,952		Published	United States of America	18-Sep-1998		Cytc Corporation
Sample Vial or Similar Article	29/093,806	D420744	Granted	United States of America	18-Sep-1998	15-Feb-2000	Cytc Corporation
Method and Apparatus for Preparing Cytological Specimens	09/520,421	6572824	Granted	United States of America	08-Mar-2000	03-Jun-2003	Cytc Corporation
Method and Apparatus for Preparing Cytological Specimens	10/421,480		Published	United States of America	22-Apr-2003		Cytc Corporation
Method and Apparatus for Preparing Cytological Specimens	09/521,531	6562299	Granted	United States of America	08-Mar-2000	13-May-2003	Cytc Corporation
Method and Apparatus for Preparing Cytological Specimens	10/421,549		Published	United States of America	22-Apr-2003		Cytc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Method and Apparatus for Magnetically Separating Biological Particles From a Mixture	08/227,665	5602042	Granted	United States of America	14-Apr-1994	11-Feb-1997	Cytc Corporation
Cytological Stain Composition	09/430,116	6348325	Granted	United States of America	29-Oct-1999	19-Feb-2002	Cytc Corporation
Cytological Stain Composition	10/054,578	6593102	Granted	United States of America	12-Nov-2001	15-Jul-2003	Cytc Corporation
Cytological Imaging System and Method	09/430,117	6665060	Granted	United States of America	29-Oct-1999	16-Dec-2003	Cytc Corporation
Cytological Imaging System and Method	10/726,336		Published	United States of America	01-Dec-2003		Cytc Corporation
Cytological Stain Composition Including Verification Characteristic	09/430,196	6661501	Granted	United States of America	29-Oct-1999	09-Dec-2003	Cytc Corporation
Apparatus and Methods for Verifying the Location of Areas of Interest Within a Sample in an Imaging System	09/430,198	7006674	Granted	United States of America	29-Oct-1999	28-Feb-2006	Cytc Corporation
Apparatus and Methods for Verifying the Location of Areas of Interest Within a Sample in an Imaging System	11/323,940		Published	United States of America	29-Dec-2005		Cytc Corporation
Detection and Typing of Human Papilloma-Virus Using PNA Probes	10/286,387	6936443	Granted	United States of America	01-Nov-2002	30-Aug-2005	Cytc Corporation
Detection and Typing of Human Papilloma-Virus Using PNA Probes	10/323,188		Published	United States of America	18-Dec-2002		Cytc Corporation
Detection and Typing of Human Papilloma-Virus Using PNA Probes	11/329,834		Published	United States of America	11-Jan-2006		Cytc Corporation
Nucleic Acid Extraction Solution and Use Thereof	10/053,349	6939672	Granted	United States of America	15-Jan-2002	06-Sep-2005	Cytc Corporation
Nucleic Acid Extraction Solution and Use Thereof	11/185,148		Pending	United States of America	20-Jul-2005		Cytc Corporation
Cytological Imaging Systems And Methods	11/236,407		Published	United States of America	26-Sep-2005		Cytc Corporation
Cytological Imaging Systems And Methods	11/236,220		Published	United States of America	26-Sep-2005		Cytc Corporation
Cytological Imaging Systems And Methods	11/861,227		Pending	United States of America	25-Sep-2007		Cytc Corporation
Cytological Imaging Systems And Methods	11/861,230		Pending	United States of America	25-Sep-2007		Cytc Corporation
Cytological Imaging Systems And Methods	11/861,234		Pending	United States of America	25-Sep-2007		Cytc Corporation
Apparatus and Method for Separating Viral Particles from Cells	10/671,929	7198902	Granted	United States of America	25-Sep-2003	03-Apr-2007	Cytc Corporation
Apparatus and Method for Separating Viral Particles from Cells	11/651,638		Published	United States of America	10-Jan-2007		Cytc Corporation
Filter Assembly for Molecular Testing	11/123,832		Published	United States of America	05-May-2005		Cytc Corporation
Methods, Compositions and Apparatuses for Detecting a Target in a Preservative Solution	10/618,443		Published	United States of America	11-Jul-2003		Cytc Corporation
Papanicolaou Staining Process	10/404,879	7186522	Granted	United States of America	31-Mar-2003	06-Mar-2007	Cytc Corporation
Papanicolaou Staining Process	11/517,695		Published	United States of America	08-Sep-2006		Cytc Corporation
Automated Molecular Assay Platform Using Filter Technology	10/672,914		Published	United States of America	25-Sep-2003		Cytc Corporation
Platform Apparatus with Horizontal Slide Translation and Method	10/954,796		Published	United States of America	29-Sep-2004		Cytc Corporation
Apparatus & Method for Storing Slides in an Angular Arrangement	10/675,451	7150375	Granted	United States of America	30-Sep-2003	19-Dec-2006	Cytc Corporation
Locally Storing Biological Specimen Data to a Slide	10/656,092	7083106	Granted	United States of America	05-Sep-2003	01-Aug-2006	Cytc Corporation
Locally Storing Biological Specimen Data to a Slide	11/423,660		Pending	United States of America	12-Jun-2006		Cytc Corporation
Specimen Vial Cap Handler and Slide Labeler	11/076,352		Published	United States of America	08-Mar-2005		Cytc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Automated Cytological Sample Classification	10/676,568		Published	United States of America	30-Sep-2003		Cytec Corporation
Systems for Organizing Multiple Objects of Interest in Field of Interest	10/866,397		Published	United States of America	10-Jun-2004		Cytec Corporation
Apparatus for Removably Retaining a Slide Within a Cassetts & Method	10/459,881		Published	United States of America	12-Jun-2003		Cytec Corporation
Method & Systems for Classifying Slides Using Scatter Plot Distribution (Slide Scoring for ThinPrep Imaging System)	10/794,334		Published	United States of America	05-Mar-2004		Cytec Corporation
Method of Generating and Using Biological Qualification Slides to Qualify Biological Screening Devices	10/866,428		Published	United States of America	10-Jun-2004		Cytec Corporation
Novel Method for DNA Amplification Using DNA Blocking Probes	10/730,575		Published	United States of America	08-Dec-2003		Cytec Corporation
Automated Cytological Sample Classification (ROM Slide)	10/712,280		Published	United States of America	12-Nov-2003		Cytec Corporation
Novel Method for the Detection of Cancer BioMarkers in Cervical Specimens	10/738,018		Published	United States of America	17-Dec-2003		Cytec Corporation
System for Determining the Stain Quality of Slides Using A Scatter Plot Distributions	10/795,012		Published	United States of America	05-Mar-2004		Cytec Corporation
Enhanced Cell Preservative Solution and Methods for Using Same (PreservCyt Solution)	11/256,289		Published	United States of America	21-Oct-2005		Cytec Corporation
Apparatus & Methods for Scanning & Producing Biological Specimen Film Strips (New Generation Imager)	10/867,605		Published	United States of America	14-Jun-2004		Cytec Corporation
Parcentric Objective	10/940,063	7224521	Granted	United States of America	13-Sep-2004	29-May-2007	Cytec Corporation
Isotropic Illumination	10/956,651		Published	United States of America	01-Oct-2004		Cytec Corporation
Reduced Aperture Biological Specimen Collection and Transfer Device (UroCyte Filter)	10/971,843		Pending	United States of America	21-Oct-2004		Cytec Corporation
Automated Image Analysis	11/120,437		Published	United States of America	02-May-2005		Cytec Corporation
Transformable Slide Storage Apparatus and Method	10/964,250		Published	United States of America	12-Oct-2004		Cytec Corporation
Urine Cell Sample Enhancement (UroCyte)	10/975,160		Published	United States of America	28-Oct-2004		Cytec Corporation
System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle	10/998,028	7140738	Granted	United States of America	24-Nov-2004	28-Nov-2006	Cytec Corporation
Biological Specimen Container Cap with Actuated Access	11/065,375		Published	United States of America	23-Feb-2005		Cytec Corporation
Stain Characterization for Automated Cytology	11/020735		Published	United States of America	22-Dec-2004		Cytec Corporation
Vial Presentation Module, Slide Dispenser and Slide Presentation Module	10/998029		Published	United States of America	24-Nov-2004		Cytec Corporation
Slide Tray	11/050,547		Published	United States of America	02-Feb-2005		Cytec Corporation
Slide Misload Detection System & Method	11/040,958		Allowed	United States of America	21-Jan-2005		Cytec Corporation
Configurable Cytological Imaging System	11/227,017		Published	United States of America	14-Sep-2005		Cytec Corporation
Systems & Methods for Enhanced Cytological Specimen Review	11/311,973		Published	United States of America	19-Dec-2005		Cytec Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Fluid Level Regulator	11/292,840		Published	United States of America	01-Dec-2005		Cytc Corporation
Filter Contamination Control Device	11/292,845		Allowed	United States of America	01-Dec-2005		Cytc Corporation
Ambient Pressure Monitor and Method of Preparing Biological Specimens	11/267,529		Published	United States of America	03-Nov-2005		Cytc Corporation
Quantitative Use of Tracer Cells	11/291,723		Published	United States of America	01-Dec-2005		Cytc Corporation
Microscope Control Device	11/298,953		Published	United States of America	09-Dec-2005		Cytc Corporation
Biological Specimen Collection & Transfer Device & Method of Use	11/298,952		Published	United States of America	09-Dec-2005		Cytc Corporation
Method & Apparatus for Obtaining Aliquot from Liquid-Based Cytological Sample	11/299,394		Published	United States of America	12-Dec-2005		Cytc Corporation
Method & Apparatus for Obtaining Aliquot from Liquid-Based Cytological Sample	11/530,300		Published	United States of America	08-Sep-2006		Cytc Corporation
Systems Methods and Kits for Preparing Specimen Slides	11/613,169		Published	United States of America	19-Dec-2006		Cytc Corporation
Light Curing Fixative	11/297,701		Published	United States of America	08-Dec-2005		Cytc Corporation
Cell Collection	11/725,846		Allowed	United States of America	20-Mar-2007		Cytc Corporation
Cross-Frame Object Reconstruction for Image Based Cytology Applications	11/299,046		Published	United States of America	09-Dec-2005		Cytc Corporation
Methods and Materials for Fixing Cytological Samples	11/538,905		Published	United States of America	05-Oct-2006		Cytc Corporation
Microscope with LED Illumination Source	11/313,365		Published	United States of America	20-Dec-2005		Cytc Corporation
Scalable Architecture for Maximizing Slide Throughput	11/617,112		Published	United States of America	28-Dec-2006		Cytc Corporation
Vials and Apparatus for Obtaining an Aliquot of a Sample	11/563,639		Pending	United States of America	27-Nov-2006		Cytc Corporation
Automated Imaging System with Slide Marking	11/554,493		Pending	United States of America	30-Oct-2006		Cytc Corporation
Snap-Off Specimen Collection Device	11/467,068		Pending	United States of America	24-Aug-2006		Cytc Corporation
Method for Improving the Shelf-Life of Hematoxylin Staining Solutions	60/874,407		Pending	United States of America	12-Dec-2006		Cytc Corporation
Improved Cell Block Cassette Device	11/551,623		Pending	United States of America	20-Oct-2006		Cytc Corporation
Mini Tray for Slide Processing	11/424,611		Pending	United States of America	16-Jun-2006		Cytc Corporation
Tray for Slide Processing	11/459,306		Pending	United States of America	21-Jul-2006		Cytc Corporation
Filter for Automated Slide Preparation System	11/550,688		Pending	United States of America	18-Oct-2006		Cytc Corporation
Method for Assessing Image Focus Quality	11/609,274		Pending	United States of America	11-Dec-2006		Cytc Corporation
Ultrasonic Mixing of Biological Sample	11/456,180		Pending	United States of America	07-Jul-2006		Cytc Corporation
Illumination Source for Stained Biological Samples	11/611,123		Pending	United States of America	14-Dec-2006		Cytc Corporation
Post Processing Slide Printer and Methods of Use	11/609,807		Pending	United States of America	12-Dec-2006		Cytc Corporation
Cell Block Apparatus - Beta Unit	60/863,941		Pending	United States of America	01-Nov-2006		Cytc Corporation
Cell Block Apparatus - Beta Unit	11/839,531		Pending	United States of America	15-Aug-2007		Cytc Corporation
Cell Block Apparatus - Beta Unit	11/839,533		Pending	United States of America	15-Aug-2007		Cytc Corporation
Method and System for Collecting Cells of a Biological Specimen	11/610,395		Pending	United States of America	13-Dec-2006		Cytc Corporation
Cytological Filter With Data Storage	11/613,171		Pending	United States of America	19-Dec-2006		Cytc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Method for Forming an Optimally Exposed Image of Cytological Specimen	11/613,166		Pending	United States of America	19-Dec-2006		Cytc Corporation
System for Heating and Fusing Cell Block Components	60/869,811		Pending	United States of America	13-Dec-2006		Cytc Corporation
System for Heating and Fusing Cell Block Components	60/869,815		Pending	United States of America	13-Dec-2006		Cytc Corporation
System (and Method) for Indirect Heating & Fusing Together Cell Block Components	60/870,063		Pending	United States of America	14-Dec-2006		Cytc Corporation
System (and Method) for Indirect Heating & Fusing Together Cell Block Components	60/870,067		Pending	United States of America	14-Dec-2006		Cytc Corporation
Robotic Slide Orientation Detection & Correction Device	60/870,911		Pending	United States of America	20-Dec-2006		Cytc Corporation
Improve Performance for ThinPrep Imaging System	60/870,838		Pending	United States of America	19-Dec-2006		Cytc Corporation
Simultaneous Imaging of Multiple Specimen Slides on a Single Slide Stgqe	11/613,173		Pending	United States of America	19-Dec-2006		Cytc Corporation
Method Analyzing Blood Content of Cytological Specimens	60/870,840		Pending	United States of America	19-Dec-2006		Cytc Corporation
Method Analyzing Blood Content of Cytological Specimens	60/870,841		Pending	United States of America	19-Dec-2006		Cytc Corporation
Improved Method for Locating & Focusing on Fiducial Marks	60/871,131		Pending	United States of America	20-Dec-2006		Cytc Corporation
Methods and Systems for Processing Biological Specimens Utilizing Multiple Wavelengths	60/976,361		Pending	United States of America	28-Sep-2007		Cytc Corporation
Methods and Systems for Processing Biological Specimens Utilizing Multiple Wavelengths	11/864,744		Pending	United States of America	28-Sep-2007		Cytc Corporation
Microfluidic Apparatus for Manipulating Imaging & Analyzing Cells of a Cytological Specimen	60/975,070		Pending	United States of America	25-Sep-2007		Cytc Corporation
Methods and Devices for Localizations of Lesions in Solid Tissue	09/287,087	6336904	Granted	United States of America	06-Apr-1999	08-Jan-2002	Cytc Corporation
Cover and Applicator for a Portion of a Mammalian Body	11/291,728		Published	United States of America	01-Dec-2005		Cytc Corporation
Methods and Devices for Delivery of Agents to Breast Milk Ducts	09/313,463	6638727	Granted	United States of America	17-May-1999	28-Oct-2003	Cytc Corporation
Methods and Devices for Delivery of Agents to Breast Milk Ducts	10/608,225		Published	United States of America	30-Jun-2003		Cytc Corporation
Methods and Systems for Treating Breast Tissue	09/397,753	6391026	Granted	United States of America	16-Sep-1999	21-May-2002	Cytc Corporation
Methods and Systems for Treating Breast Tissue	10/144,853	6712816	Granted	United States of America	15-May-2002	30-Mar-2004	Cytc Corporation
Devices and Methods to Identify Ductal Orifices During Nipple Aspiration	09/438,219	6328709	Granted	United States of America	12-Nov-1999	11-Dec-2001	Cytc Corporation
Methods for Identification, Diagnosis and Treatment of Breast Cancer	11/705,277		Pending	United States of America	12-Feb-2007		Cytc Corporation
Ductal Orifice Identification by Electrical Impedance	09/482,145	6314315	Granted	United States of America	12-Jan-2000	06-Nov-2001	Cytc Corporation
Identifying, Monitoring and Treating Women for Breast Cancer	09/502,404	6642010	Granted	United States of America	10-Feb-2000	04-Nov-2003	Cytc Corporation
Identifying, Monitoring and Treating Women for Breast Cancer	10/637,545		Published	United States of America	11-Aug-2003		Cytc Corporation
Identifying, Monitoring and Treating Women for Breast Cancer	11/713,495		Published	United States of America	02-Mar-2007		Cytc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Methods and Devices for Delivery of Agents to Breast Milk Ducts	10/721,701		Allowed	United States of America	25-Nov-2003		Cytc Corporation
Methods for Identification, Diagnosis and Treatment of Breast Cancer	10/858,086		Pending	United States of America	01-Jun-2004		Cytc Corporation
Devices, Methods, and Systems for Collecting Materials From a Breast Duct	09/473,510	6413228	Granted	United States of America	28-Dec-1999	02-Jul-2002	Cytc Corporation
Devices, Methods, and Systems for Collecting Materials From a Breast Duct	09/907,931		Published	United States of America	19-Jul-2001		Cytc Corporation
Devices, Methods, and Systems for Collecting Materials From a Breast Duct	11/880,811		Pending	United States of America	24-Jul-2007		Cytc Corporation
Gel Composition for Filling a Breast Milk Duct Prior to Surgical Excision of the Duct or Other Breast Tissue	09/590,517	6589998	Granted	United States of America	09-Jun-2000	08-Jul-2003	Cytc Corporation
Gel Composition for Filling a Breast Milk Duct Prior to Surgical Excision of the Duct or Other Breast Tissue	11/725,928		Published	United States of America	20-Mar-2007		Cytc Corporation
Methods for Differentiating Breast Ducts for Cancer Risk Status	09/852,145	6629936	Granted	United States of America	10-May-2001	07-Oct-2003	Cytc Corporation
Intraductal Treatment Targeting Methylated Promoters in Breast Cancer	11/203,800		Published	United States of America	15-Aug-2005		Cytc Corporation
Isolated Ductal Fluid Sample	09/800,970	6642009	Granted	United States of America	08-Mar-2001	04-Nov-2003	Cytc Corporation
Isolated Ductal Fluid Sample	11/605,758		Published	United States of America	29-Nov-2006		Cytc Corporation
Preparation for Breast Fluid Collection	10/775,366		Published	United States of America	10-Feb-2004		Cytc Corporation
Cytological Evaluation of Breast Duct Epithelial Cells Retrieved by Ductal Lavage	09/916,647	6673024	Granted	United States of America	30-Jul-2001	06-Jan-2004	Cytc Corporation
Cytological Evaluation of Breast Duct Epithelial Cells Retrieved by Ductal Lavage	10/716,704		Pending	United States of America	20-Nov-2003		Cytc Corporation
Identification of Viral Agents in Breast Ducts and Antiviral Therapy Therefore	09/923,791	7132232	Granted	United States of America	08-Aug-2001	07-Nov-2006	Cytc Corporation
Identification of Viral Agents in Breast Ducts and Antiviral Therapy Therefore	11/492,392		Published	United States of America	25-Jul-2006		Cytc Corporation
Externally Positioned Medical Dilator	11/154,170		Published	United States of America	16-Jun-2005		Cytc Corporation
Increasing Retrievable Fluid From a Breast Duct	09/827,371		Published	United States of America	06-Apr-2001		Cytc Corporation
Increasing Retrievable Fluid From a Breast Duct	10/825,752		Published	United States of America	16-Apr-2004		Cytc Corporation
Devices, Methods, and Systems for Collecting Materials From a Breast Duct	10/109,046	6689070	Granted	United States of America	29-Mar-2002	10-Feb-2004	Cytc Corporation
Devices, Methods, and Systems for Collecting Materials From a Breast Duct	10/762,978		Pending	United States of America	22-Jan-2004		Cytc Corporation
Apparatus, Methods and Kits for Simultaneous Delivery of a Substance to Multiple Breast Milk Ducts	09/506,477	6398765	Granted	United States of America	29-Feb-2000	04-Jun-2002	Cytc Corporation
Apparatus, Methods and Kits for Simultaneous Delivery of a Substance to Multiple Breast Milk Ducts	10/072,911	6585706	Granted	United States of America	12-Feb-2002	01-Jul-2003	Cytc Corporation
Apparatus, Methods and Kits for Simultaneous Delivery of a Substance to Multiple Breast Milk Ducts	10/607,142	7029462	Granted	United States of America	27-Jun-2003	18-Apr-2006	Cytc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Apparatus, Methods and Kits for Simultaneous Delivery of a Substance to Multiple Breast Milk Ducts	11/302,929	7204829	Granted	United States of America	14-Dec-2005	17-Apr-2007	Cytec Corporation
Identifying Material From a Breast Duct	09/625,399	6610484	Granted	United States of America	26-Jul-2000	26-Aug-2003	Cytec Corporation
Identifying Material From a Breast Duct	10/622,743		Published	United States of America	21-Jul-2003		Cytec Corporation
Medical Instrument for Accessing a Breast Duct for Performing a Medical Procedure and Methods Thereof	10/746,128	7229420	Granted	United States of America	23-Dec-2003	12-Jun-2007	Cytec Corporation
Medical Instrument for Accessing a Breast Duct for Performing a Medical Procedure and Methods Thereof	11/504,995		Published	United States of America	16-Aug-2006		Cytec Corporation
Ductal Lavage Catheter Having an Off Axis Tip	10/746,950		Published	United States of America	23-Dec-2003		Cytec Corporation
Ductal Lavage Catheter	10/746,940		Published	United States of America	23-Dec-2003		Cytec Corporation
Intraductal Management of Breast Lesions Involving Therapeutic or Diagnostic Agents	10/391,525		Published	United States of America	19-Mar-2003		Cytec Corporation
Method and Diagnosis of Treatment of Breast Lesions	10/388,764		Published	United States of America	17-Mar-2003		Cytec Corporation
Method and Apparatus for Analyzing Mammary Gland	10/391,527		Published	United States of America	19-Mar-2003		Cytec Corporation
A Method of Opening A Ductal Sphincter Using Controlled Fluid Pressure	10/746,121	7195601	Granted	United States of America	23-Dec-2003	27-Mar-2007	Cytec Corporation
Ductal Lavage MicroCatheter with User Activated Valve and Nitinol Introducer	10/746,117	7276047	Granted	United States of America	23-Dec-2003	02-Oct-2007	Cytec Corporation
Ductal Lavage MicroCatheter with User Activated Valve and Nitinol Introducer	11/415,029		Published	United States of America	01-May-2006		Cytec Corporation
Method of Using Pressure to Determine the Positioning of a Catheter within a Breast Duct	11/297,530		Published	United States of America	08-Dec-2005		Cytec Corporation
Method of Using a Multimodality Probe with Extendable Bipolar Electrodes	08/197,357	5401272	Granted	United States of America	16-Feb-1994	28-Mar-1995	Cytec Surgical Products
Method of Using a Multimodality Probe with Extendable Bipolar Electrodes	08/302,550	5441498	Granted	United States of America	08-Sep-1994	15-Aug-1995	Cytec Surgical Products
A Radio-Frequency Generator for Powering an Ablation Device	09/306,480	6508815	Granted	United States of America	06-May-1999	21-Jan-2003	Cytec Surgical Products
A Radio-Frequency Generator for Powering an Ablation Device	10/328,447	7074217	Granted	United States of America	23-Dec-2002	11-Jul-2006	Cytec Surgical Products
A Radio-Frequency Generator for Powering an Ablation Device	11/211,016		Published	United States of America	24-Aug-2005		Cytec Surgical Products
A Radio-Frequency Generator for Powering an Ablation Device	11/175,128		Published	United States of America	05-Jul-2005		Cytec Surgical Products
Moisture Transport System for Contact Electrocoagulation	08/632,516	5769880	Granted	United States of America	12-Apr-1996	23-Jun-1998	Cytec Surgical Products
Moisture Transport System for Contact Electrocoagulation	90/005435		Pending	United States of America	27-Jul-1999		Cytec Corporation
Moisture Transport System for Contact Electrocoagulation	90/005,886		Pending	United States of America	22-Nov-2000		Cytec Corporation
Moisture Transport System for Contact Electrocoagulation	09/103,072	6813520	Granted	United States of America	23-Jun-1998	02-Nov-2004	Cytec Surgical Products

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Moisture Transport System for Contact Electrocoagulation	10/959,771		Published	United States of America	06-Oct-2004		Cytec Surgical Products
Moisture Transport System for Contact Electrocoagulation	11/196,025		Published	United States of America	03-Aug-2005		Cytec Surgical Products
Apparatus and Method for Treating Venous Reflux	10/052,157	6712815	Granted	United States of America	16-Jan-2002	30-Mar-2004	Cytec Surgical Products
Apparatus and Method for Treating Venous Reflux	10/676,619	7087052	Granted	United States of America	01-Oct-2003	08-Aug-2006	Cytec Surgical Products
Apparatus and Method for Treating Venous Reflux	10/751,592		Allowed	United States of America	05-Jan-2004		Cytec Surgical Products
Method and Apparatus for Detecting Perforations in a Body Tissue	09/710,102	6554780	Granted	United States of America	10-Nov-2000	29-Apr-2003	Cytec Surgical Products
Method and Apparatus for Detecting Perforations in a Body Tissue	10/400,823	6743184	Granted	United States of America	27-Mar-2003	01-Jun-2004	Cytec Surgical Products
Method and Apparatus for Detecting Perforations in a Body Tissue	10/852,648	6872183	Granted	United States of America	24-May-2004	29-Mar-2005	Cytec Surgical Products
Method and Apparatus for Detecting Perforations in a Body Tissue	11/056,998	7063670	Granted	United States of America	11-Feb-2005	20-Jun-2006	Cytec Surgical Products
Hemostatis Device	11/118,653		Published	United States of America	28-Apr-2005		Cytec Corporation
Flat-Bed Knitting Machine and Method of Knitting	09/503,317	6158250	Granted	United States of America	14-Feb-2000	12-Dec-2000	Cytec Surgical Products
Apparatuses and Methods for Intersitial Tissue Removal	09/249,208	6296639	Granted	United States of America	12-Feb-1999	02-Oct-2001	Cytec Corporation
Apparatuses and Methods for Intersitial Tissue Removal	09/930,531	6663626	Granted	United States of America	14-Aug-2001	16-Dec-2003	Cytec Corporation
Apparatuses and Methods for Intersitial Tissue Removal	10/635,691	7192430	Granted	United States of America	05-Aug-2003	20-Mar-2007	Cytec Corporation
Apparatuses and Methods for Intersitial Tissue Removal	11/687,599		Pending	United States of America	16-Mar-2007		Cytec Corporation
Uterine Sound	11/019,500		Published	United States of America	20-Dec-2004		Cytec Corporation
Method and System for Transcervical Tubal Occlusion	11/019,580		Published	United States of America	20-Dec-2004		Cytec Corporation
Method and System for Drug Delivery	11/735,921		Published	United States of America	16-Apr-2007		Cytec Surgical Products
Internal Biopsy Marking	11/394,146		Published	United States of America	29-Mar-2006		Cytec Corporation
Tumescent Skin Spacing Method	11/500,675		Published	United States of America	08-Aug-2006		Cytec Corporation
Cervical Clamp Apparatus & Method of Exerting a Comprehensive Force to a Cervix	11/313,439		Published	United States of America	20-Dec-2005		Cytec Corporation
Method and Apparatus for Uterine Cavity Length Measurement	11/314,051		Published	United States of America	20-Dec-2005		Cytec Corporation
Cervical Seal Apparatus & Method of Sealing a Cervix	11/313,446		Published	United States of America	20-Dec-2005		Cytec Corporation
Uterine Cavity Length Measurement	11/313,444		Published	United States of America	20-Dec-2005		Cytec Corporation
Power Ramping During RF Ablation (Nato - Sierra- Russ)	11/532,889		Pending	United States of America	18-Sep-2006		Cytec Surgical Products
Treatment of Metastatic Lesions	60/870,537		Pending	United States of America	18-Dec-2006		Cytec Surgical Products
Medical Device Apparatus for User with a Curved Endoscope (Nato - Sierra- Russ)	11/532,886		Pending	United States of America	18-Sep-2006		Cytec Surgical Products



Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Method & Apparatus for Verifying Occlusion of Fallopian Tubes	60/869,692		Pending	United States of America	12-Dec-2006		Cytec Surgical Products
Method & Apparatus for Verifying Occlusion of Fallopian Tubes	60/869,704		Pending	United States of America	12-Dec-2006		Cytec Surgical Products
An Improved Method for Female Sterilization Based on Tubal Occlusion	11/614,900		Pending	United States of America	21-Dec-2006		Cytec Surgical Products
Tumor Treatment	07/715,923	5429582	Granted	United States of America	14-Jun-1991	04-Jul-1995	Cytec Corporation
Tumor Treatment	08/307,165	5611767	Granted	United States of America	16-Sep-1994	19-Mar-1997	Cytec Corporation
Tumor Treatment	09/158,682	6083148	Granted	United States of America	22-Sep-1998	04-Jul-2000	Cytec Corporation
Tumor Treatment	08/818,966	6022308	Granted	United States of America	14-Mar-1997	08-Feb-2000	Cytec Corporation
Inflatable Devices for Tumor Treatment	08/727,259	5931774	Granted	United States of America	07-Oct-1996	03-Aug-1999	Cytec Corporation
Catheter with Permeable Hydrogel Membrane	09/275,910	6200257	Granted	United States of America	24-Mar-1999	13-Mar-2001	Cytec Corporation
Catheter with Permeable Hydrogel Membrane	09/724,121	6537194	Granted	United States of America	28-Nov-2000	25-Mar-2003	Cytec Corporation
Interstitial Brachytherapy Apparatus and Method for the Treatment of Proliferative Tissue Diseases	09/293,524	6413204	Granted	United States of America	15-Apr-1999	02-Jul-2002	Cytec Corporation
Asymmetric Radiation Dosing Apparatus and Method	09/464,272	6482142	Granted	United States of America	16-Dec-1999	19-Nov-2002	Cytec Corporation
Double-Wall Balloon Catheter for Treatment of Proliferative Tissue	08/900,021	5913813	Granted	United States of America	24-Jul-1997	22-Jun-1999	Cytec Corporation
Hazardous Fluid Infuser	09/369,903	6238374	Granted	United States of America	06-Aug-1999	29-May-2001	Cytec Corporation
Hazardous Fluid Infuser	09/761,790	6589158	Granted	United States of America	17-Jan-2001	08-Jul-2003	Cytec Corporation
Tissue Positioning Apparatus and Method for Protecting Tissue During Radiotherapy	09/882,506	6673006	Granted	United States of America	15-Jun-2001	06-Jan-2004	Cytec Corporation
Tissue Positioning Apparatus and Method for Protecting Tissue During Radiotherapy	10/750,921		Published	United States of America	31-Dec-2003		Cytec Corporation
Treatment of Spinal Metastases	10/269,555	6695760	Granted	United States of America	11-Oct-2002	24-Feb-2004	Cytec Corporation
Treatment of Spinal Metastases	10/784,083	6976949	Granted	United States of America	20-Feb-2004	20-Dec-2005	Cytec Corporation
Treatment of Spinal Metastases	11/260,643		Published	United States of America	27-Oct-2005		Cytec Corporation
System and Method for the Treatment of Spinal Metastases	10/365,977	6749555	Granted	United States of America	13-Feb-2003	15-Jun-2004	Cytec Corporation
System and Method for the Treatment of Spinal Metastases	10/867,062		Published	United States of America	14-Jun-2004		Cytec Corporation
Brachytherapy Apparatus and Method for Treating a Target Tissue Through an External Surface of the Tissue	10/704,344		Pending	United States of America	07-Nov-2003		Cytec Corporation
Drug Eluting Brachytherapy Methods and Apparatus	10/714,586		Pending	United States of America	14-Nov-2003		Cytec Corporation
Tissue Positioning Systems and Methods for Use with Radiation Therapy	10/704,161		Published	United States of America	07-Nov-2003		Cytec Corporation
Implantable Radiotherapy/Brachytherapy Radiation Detection Apparatus and Method	10/704,340		Pending	United States of America	07-Nov-2003		Cytec Corporation
Brachytherapy Method and Apparatus for Treatment of Metastatic Lesions in a Load Bearing Region	10/995,087		Pending	United States of America	22-Nov-2004		Cytec Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Tissue Positioning Apparatus and Method for Protecting Tissue During Radiotherapy	10/897,382		Published	United States of America	22-Jul-2004		Cytac Corporation
A Graduated Intraluminal Catheter and Methods of Use Thereof	09/639,510	6607477	Granted	United States of America	16-Aug-2000	19-Aug-2003	Cytac Corporation
Urethral Radiation Treatment System and Method	11/152,824		Pending	United States of America	14-Jun-2005		Cytac Corporation
Movable Anchoring Catheter	11/215,707		Published	United States of America	30-Aug-2005		Cytac Corporation
Safety-Link Brachytherapy Catheter	11/215,764		Pending	United States of America	30-Aug-2005		Cytac Corporation
Endorectal Balloon Catheter	60/876,366		Pending	United States of America	21-Dec-2006		Cytac Corporation
Slide Guide Apparatus & Methods for Use	11/866,483		Pending	United States of America	03-Oct-2007		Cytac Corporation
Asymmetric Radiation Dosing for Devices and Methods	60/870,670		Pending	United States of America	19-Dec-2006		Cytac Corporation
System and Methods for Drug Infusion with Feedback Control	60/70,676		Pending	United States of America	19-Dec-2006		Cytac Corporation
Laser Balloon Treatment of Strictures	60/870,681		Pending	United States of America	19-Dec-2006		Cytac Corporation
Brachytherapy Device and Method	60/870,690		Pending	United States of America	19-Dec-2006		Cytac Corporation
Bioabsorbably Target Tissue Fixator/Locator for Image Guided Radiotherapy (IGRT)	60/875,776		Pending	United States of America	19-Dec-2006		Cytac Corporation
Fluid Radiation Shield for Brachytherapy	11/895,559		Pending	United States of America	24-Aug-2007		Cytac Corporation
A Method for Improved Image Segmentation	11/328,354		Published	United States of America	09-Jan-2006		Cytac Corporation
Transuterine Sterilization Apparatus & Method	08/447,882	5095917	Granted	United States of America	19-Jan-1990	17-Mar-1992	Cytac Corporation
Method & Apparatus for Tubal Occlusion	09/063,119	5954715	Granted	United States of America	20-Apr-1998	21-Sep-1999	Cytac Corporation
Method & Apparatus for Tubal Occlusion	09/372,394	6068626	Granted	United States of America	10-Aug-1999	30-May-2000	Cytac Corporation
Method & Apparatus for Tubal Occlusion	09/579,976	6346102	Granted	United States of America	26-May-2000	12-Feb-2002	Cytac Corporation
Method & Apparatus for Tubal Occlusion	10/075,854	6726682	Granted	United States of America	12-Feb-2002	27-Apr-2004	Cytac Corporation
Method & Apparatus for Tubal Occlusion	10/832,909	7220259	Granted	United States of America	26-Apr-2004	22-May-2007	Cytac Corporation
Method & Apparatus for Tubal Occlusion	11/752,222		Pending	United States of America	22-May-2007		Cytac Corporation
Method & Apparatus for Tubal Occlusion	09/241,790	6309384	Granted	United States of America	01-Feb-1999	30-Oct-2001	Cytac Corporation
Method & Apparatus for Tubal Occlusion	09/810,761	6712810	Granted	United States of America	16-Mar-2001	30-Mar-2004	Cytac Corporation
Method & Apparatus for Tubal Occlusion	10/812,476		Pending	United States of America	29-Mar-2004		Cytac Corporation
Catheter Placement Detection System and Operator Interface	10/155,462	6780182	Granted	United States of America	23-May-2002	24-Aug-2004	Cytac Corporation
Catheter Placement Detection System and Operator Interface	10/924,584		Pending	United States of America	24-Aug-2004		Cytac Corporation
Delivery Catheter with Implant Ejection Mechanism	11/562,882		Pending	United States of America	22-Nov-2006		Cytac Corporation
Side-Arm Port Introducer	11/564,244		Pending	United States of America	28-Nov-2006		Cytac Corporation
Method for Selecting Medical & Biochemical Diagnostic Tests Using Neural Network-Related Applications	08/912,133	6678669	Granted	United States of America	14-Aug-1997	13-Jan-2004	Cytac Corporation
Method for Selecting Medical & Biochemical Diagnostic Tests Using Neural Network-Related Applications	09/134,636	6556977	Granted	United States of America	14-Aug-1998	29-Apr-2003	Cytac Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Method for Selecting Medical & Biochemical Diagnostic Tests Using Neural Network-Related Applications	10/043,356		Published	United States of America	11-Jan-2002		Cytc Corporation
Method for Selecting Medical & Biochemical Diagnostic Tests Using Neural Network-Related Applications	10/164,053	7228295	Granted	United States of America	04-Jun-2002	05-Jun-2007	Cytc Corporation
Point of Care Diagnostic Systems	-364616	6267722	Granted	United States of America	03-Feb-1998	31-Jul-2001	Cytc Corporation
Point of Care Diagnostic Systems	09/063,497	6394952	Granted	United States of America	20-Apr-1998	28-May-2002	Cytc Corporation
Point of Care Diagnostic Systems	09/717,478	6867051	Granted	United States of America	20-Nov-2000	15-Mar-2005	Cytc Corporation
Point of Care Diagnostic Systems	09/717,355	6936476	Granted	United States of America	20-Nov-2000	30-Aug-2005	Cytc Corporation
Point of Care Diagnostic Systems	10/877,122	7270970	Granted	United States of America	25-Jun-2004	18-Sep-2007	Cytc Corporation
Point of Care Diagnostic Systems	11/219,216		Published	United States of America	02-Sep-2005		Cytc Corporation
Point of Care Diagnostic Systems	11/218,807		Published	United States of America	02-Sep-2005		Cytc Corporation
Point of Care Analyte Reader (Design)	29/086,781	DES 434,153	Granted	United States of America	20-Apr-1998	21-Nov-2000	Cytc Corporation
Device for Encasing an Assay Test Strip (Design)	29/086,799	DES 432,244	Granted	United States of America	20-Apr-1998	17-Oct-2000	Cytc Corporation
Screening & Treatment Methods for Prevention of Preterm Delivery	10/774,144		Pending	United States of America	06-Feb-2004		Cytc Corporation
Oncofetal Fibronectin as a Marker for Pregnancy-Related Indications	11/193,857		Pending	United States of America	29-Jul-2005		Cytc Corporation
Samples for Detection of Oncofetal Fibronectin & User Thereof	11/193,771		Published	United States of America	29-Jul-2005		Cytc Corporation
Oncofetal Fibronectin as a Marker for Health and Disease	11/193,806		Pending	United States of America	29-Jul-2005		Cytc Corporation
Methods for Detecting Oncofetal Fibronectin	11/193,789		Pending	United States of America	29-Jul-2005		Cytc Corporation
Detection of Oncofetal Fibronectin for Selection of Conception	11/193,561		Pending	United States of America	29-Jul-2005		Cytc Corporation
Hormone Replacement Therapy Monitoring	09/394,579	6174665	Granted	United States of America	10-Sep-1999	16-Jan-2001	Cytc Corporation
Use of Estriol Measurement to Monitor Tocolytic Therapy	08/136,219	5370135	Granted	United States of America	13-Oct-1993	06-Dec-1994	Cytc Corporation
Method for Prediction of Premature Labor	08/242,034	5480776	Granted	United States of America	12-May-1994	02-Jan-1996	Cytc Corporation
Fluid Collection Kit and Method	08/795,964	5786228	Granted	United States of America	05-Feb-1997	28-Jul-1998	Cytc Corporation
Fluid Collection Kit and Method	08/795,051	5786227	Granted	United States of America	05-Feb-1997	28-Jul-1998	Cytc Corporation
Fluid Collection Kit and Method	09/069,420	5981293	Granted	United States of America	29-Apr-1998	09-Nov-1999	Cytc Corporation
Ectopic Pregnancy	07/732,364	5236846	Granted	United States of America	18-Jul-1991	17-Aug-1993	Cytc Corporation
Fetal Fibronectin Pregnancy Test	07/282,426	5185270	Granted	United States of America	12-Dec-1988	09-Feb-1993	Cytc Corporation
Ex Vivo Product of Conception Test to Determine Abortion	07/274,267	5223440	Granted	United States of America	18-Nov-1988	29-Jun-1993	Cytc Corporation
Pregnancy Induced Hypertension & Eclampsia Immunoassay & Reagents	07/302,854	5079171	Granted	United States of America	27-Jan-1989	27-Jan-1989	Cytc Corporation
Labor & Membrane Rupture Test and Reagents	07/244,969	5096830	Granted	United States of America	15-Sep-1988	17-Mar-1992	Cytc Corporation
Sample Collection & Transport Fluid Composition	07/244,984	4919889	Granted	United States of America	15-Sep-1988	24-Apr-1990	Cytc Corporation
Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal Sample	07/628,282	5281522	Granted	United States of America	14-Dec-1990	25-Jan-1994	Cytc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Screening Method for Identifying Women At Increased Risk for Imminent Delivery	08/061,755	5468619	Granted	United States of America	12-May-1993	21-Nov-1995	Cytec Corporation
Screening Method for Identifying Women At Risk for Imminent Delivery Determination of Endometrial Receptivity Toward Embryo Implantation	08/268,210	5516702	Granted	United States of America	29-Jun-1994	14-May-1996	Cytec Corporation
	07/897706	5279941	Granted	United States of America	12-Jun-1992	18-Jan-1994	Cytec Corporation

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
ACTIVATION OF SONOMETRY & DENSITOMETRY MEDICAL EQUIPMENT VIA THE INTERNET	6631353	United States	10-Jun-99	Filed	Hologic, Inc.
AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE	5606589	United States	25-Feb-97	Granted	Hologic, Inc.
AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE	5814235	United States	29-Sep-98	Granted	Hologic, Inc.
AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE	5729585	United States	17-Mar-98	Granted	Hologic, Inc.
AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE	6075840	United States	13-Jun-00	Granted	Hologic, Inc.
ALTERNATE METHOD FOR TILING GLASS PANELS	NYK	United States	NYK	Docketed	Hologic, Inc.
AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING	7122803	United States	17-Oct-06	Granted	Hologic, Inc.
AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING	11/341925	United States	27-Jan-06	Filed	Hologic, Inc.
AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING	11/412396	United States	27-Apr-06	Filed	Hologic, Inc.
APPARATUS AND METHOD FOR ELIMINATING RESIDUAL CHARGES IN AN IMAGE CAPTURE PANEL	5563421	United States	08-Oct-96	Granted	Direct Radiography Corp.
APPARATUS FOR HOLDING AND DRIVING A SURGICAL CUTTING DEVICE USING STERETACTIC MAMMOGRAPHY GUIDANCE	5830219	United States	03-Nov-98	Granted	Hologic, Inc.
AUTOMATED BACKGROUND PROCESSING OF MAMMOGRAPHIC IMAGE DATA.	6891920	United States	10-May-05	Granted	Hologic, Inc.
AUTOMATIC REGION OF INTEREST LOCATOR FOR AP SPINAL IMAGES AND FOR HIP IMAGES IN BONE DENSITOMETRY	6853741	United States	08-Feb-05	Granted	Hologic, Inc.
AUTOMATIC REGION OF INTEREST LOCATOR FOR AP SPINAL IMAGES AND FOR HIP IMAGES IN BONE DENSITOMETRY	10/937516	United States	9-Sep-06	Filed	Hologic, Inc.
BAD PIXEL COLUMN PROCESSING IN A RADIATION DETECTION PANEL	6118846	United States	12-Sep-00	Granted	Direct Radiography Corp.
Baggage Inspection and the Like	5044002	United States		Issued	Hologic, Inc.
Bone Densitometer	4947414	United States	8.7.90	Issued	Hologic, Inc.
Bone Densitometer	5148455	United States	9.15.92	Issued	Hologic, Inc.
BONE DENSITOMETRY SCANNING SYSTEM AND METHOD FOR SELECTING SCAN PARAMETRIC VALUES USING X-RAY THICKNESS MEASUREMENT	5687211	United States	11-Nov-97	Granted	Hologic, Inc.
BONE DENSITOMETRY USING X-RAY IMAGING SYSTEMS	5949846	United States	07-Sep-99	Granted	Hologic, Inc.
BONE SONOMETRY, DENSITOMETRY & IMAGING	6234969	United States	22-May-01	Granted	Hologic, Inc.
BREAST BIOPSY AND NEEDLE LOCALIZATION USING TOMOSYNTHESIS SYSTEMS"	11/707587	United States	15-Feb-07	Filed	Hologic, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
BREAST BIOPSY AND NEEDLE LOCALIZATION USING TOMOSYNTHESIS SYSTEMS"	60/774142	United States	15-Feb-06	Filed	Hologic, Inc.
BREAST COMPARISON FOR DIGITAL MAMMOGRAPHY, TOMOSYNTHESIS AND OTHER MODALITIES	2283803	United States	27-Mar-07	Filed	Hologic, Inc.
BREAST DENSITY MEASUREMENT WITH X-RAY MAMMOGRAPHY	60/836426	United States	07-Aug-06	Filed	
CARDIOVASCULAR RISK ASSESSMENTS USING AORTIC CALCIFICATION INFORMATION DERIVED FROM X-RAY MEASUREMENTS TAKEN WITH A DUAL ENERGY X-RAY DENSITOMETER	11/542280	United States	02-Oct-06	Filed	
CARDIOVASCULAR RISK ASSESSMENT USING AORTIC CALCIFICATION INFORMATION FROM QUANTITATIVE COMPUTED TOMOGRAPHY (QCT) AND/OR DUAL-ENERGY X-RAY DENSITOMETRY (DXA).	11/701834	United States	02-Feb-07	Filed	
C-ARM DEVICE WITH IMPROVED C-ARM LOCKING MECHANISM	6113265	United States	05-Sep-00	Granted	Hologic, Inc.
Dental X-Ray Head Unit	D349160	United States		Issued	Hologic, Inc.
DETERMINING BODY COMPOSITION USING FAN BEAM DUAL-ENERGY X-RAY ABSORPTIOMETRY	6233473	United States	15-May-01	Granted	Hologic, Inc.
DEVICE AND METHOD FOR DETERMINING FUTURE FRACTURE RISK	6385283	United States	07-May-02	Granted	Hologic, Inc.
DIAGNOSTIC SYSTEM FOR MULTIMODALITY MAMMOGRAPHY	11/632082	United States	07-Jul-05	Filed	
DICOM COMPLIANT FILE COMMUNICATION INCLUDING QUANTITATIVE AND IMAGE DATA	09/449002	United States	24-Nov-99	Filed	
DIGITAL ARRAY FOR RADIOGRAPHIC IMAGING	5804832	United States	08-Sep-98	Granted	Direct Radiography Corp.
DIGITAL FLAT PANEL X-RAY DETECTOR POSITIONING IN DIAGNOSTIC RADIOLOGY	6282264	United States	28-Aug-01	Granted	Hologic, Inc.
DIGITAL FLAT PANEL X-RAY DETECTOR POSITIONING IN DIAGNOSTIC RADIOLOGY	6851851	United States	08-Feb-05	Granted	Hologic Inc.
DIGITAL IMAGING SYSTEM USING CCD ARRAY	5216250	United States	01-Jun-93	Granted	Hologic Inc.
DIGITAL SCAN MAMMOGRAPHY APPARATUS	5526394	United States	11-Jun-96	Granted	Hologic, Inc.
DIRECT RADIOGRAPHIC IMAGING PANEL	5652430	United States	29-Jul-97	Granted	Direct Radiography Corp.
DIRECT RADIOGRAPHIC IMAGING PANEL HAVING DIELECTRIC LAYER WITH AN ADJUSTED TIME CONSTANT	6194727	United States	27-Feb-01	Granted	Direct Radiography Corp.
DIRECT RADIOGRAPHIC IMAGING PANEL WITH SHIELDING ELECTRODE	6075248	United States	13-Jun-00	Granted	Direct Radiography Corp.
DISTRIBUTED ARCHITETURE FOR MAMMOGRAPHIC IMAGE AQUISITION AND PROCESSING.	10/440488	United States	16-May-03	Filed	Hologic, Inc.
ELECTRONIC CASSETTE FOR RECORDING X-RAY IMAGES	5661309	United States	26-Aug-97	Granted	Direct Radiography Corp.
EQUIPMENT & METHOD FOR CALIBRATION & QUALITY ASSURANCE OF AN ULTRASONIC BONE ANALYSIS APPARATUS	5935073	United States	10-Aug-99	Granted	Hologic, Inc.
EQUIPMENT & METHOD FOR CALIBRATION & QUALITY ASSURANCE OF AN ULTRASONIC BONE ANALYSIS APPARATUS	6352512	United States	05-Mar-02	Granted	Hologic, Inc.
ESTIMATING VISCERAL FAT BY DUAL-ENERGY X-RAY ABSORTIOMETRY	10/958107	United States	04-Oct-04	Filed	Hologic, Inc.
Filament Transformers for Portable X-Ray Inspection Units	5563569	United States	10.8.96	Issued	Hologic, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL, TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING	7123684	United States	17-Oct-06	Granted	Hologic, Inc.
FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL, TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING	11/582061	United States	16-Oct-06	Filed	Hologic, Inc.
GLASS-FILLED X-RAY TRANSPARENT LOAD SPREADER FOR THE DR CASSETTE	NYK	United States	NYK	Docketed	Hologic, Inc.
GUARD RING FOR FIELD ELECTRODE	6075248	United States	13-Jun-00	Granted	Direct Radiography Corp.
Identification Flasher X-Ray Film Labeling Unit	5311567	United States	5.10.94	Issued	Hologic, Inc.
IMAGE CAPTURE DEVICE USING A SECONDARY ELECTRODE	5895936	United States	20-Apr-99	Granted	Direct Radiography Corp.
IMAGE CAPTURE ELEMENT	6025599	United States	15-Feb-00	Granted	Direct Radiography Corp.
IMAGE CAPTURE PANEL USING A SOLID STATE DEVICE	5498880	United States	12-Mar-96	Granted	Direct Radiography Corp.
IMAGE DATA PROCESSING FOR DIGITAL X-RAY DETECTORS	6215900	United States	10-Apr-01	Granted	Direct Radiography Corp.
IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS	11/271,050	United States	11-Nov-05	Filed	Hologic, Inc.
IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS	11/604069	United States	24-Nov-06	Filed	Hologic, Inc.
INTEGRATED X-RAY AND ULTRA SOUND MEDICAL IMAGING SYSTEM.	6846289	United States	25-Jan-05	Granted	Hologic, Inc.
INTEGRATED X-RAY AND ULTRASOUND MEDICAL IMAGING SYSTEM	10/559404	United States	04-Jun-04	Filed	Hologic, Inc.
INTEGRATED X-RAY AND ULTRASOUND MEDICAL IMAGING SYSTEM.	11/042823	United States	25-Jan-05	Filed	Hologic, Inc.
INTERACTIVE DIGITAL RADIOGRAPHIC SYSTEM (DRC-710US)	6614873	United States	02-Sep-03	Granted	Direct Radiography Corp.
LARGE AREA ARRAY, SINGLE EXPOSURE DIGITAL MAMMOGRAPHY	6416218	United States	09-Jul-02	Granted	Hologic, Inc.
Laser Target Selector Device for X-Ray Projection Tubes	5450467	United States	9.12.95	Issued	Hologic, Inc.
MAMMOGRAPHY APPARATUS WITH PROPORTIONAL COLLIMATION	5627869	United States	06-May-97	Granted	Hologic, Inc.
MAMMOGRAPHY NEEDLE BIOPSY SYSTEM AND MEHTOD	10/723,406	United States	25-Nov-03	Filed	Hologic, Inc.
MAMMOGRAPHY SYSTEM AND MEHTOD EMPLOYING OFFSET COMPRESSION PADDLES, AUTOMATIC COLLIMATION, AND RETRACTABLE ANTI-SCATTER GRID	10/496049	United States	18-Oct-04	Filed	Hologic, Inc.
MAMMOGRAPHY SYSTEM AND MEHTOD EMPLOYING OFFSET COMPRESSION PADDLES, AUTOMATIC COLLIMATION, AND RETRACTABLE ANTI-SCATTER GRID	11/607748	United States	30-Nov-06	Filed	Hologic, Inc.
MAMMOGRAPHY SYSTEM WITH REARWARDLY TILTING MAMMOGRAPH	5305365	United States	19-Apr-94	Granted	Hologic, Inc.
METHOD AND APPARATUS FOR BLOCKING RADIOGRAPHIC SCATTER.	10/412723	United States	8/9/1995	Filed	Hologic, Inc.
METHOD AND APPARATUS FOR BONE MINERAL MEASUREMENT USING A MEASUREMENT REGION DEFINED AT A SELECTED DISTANCE FROM A STYLOID BONE TIP	5138553	United States	11-Aug-92	Granted	Hologic, Inc.
METHOD AND APPARATUS FOR DISPLAYING IMAGES	6157373	United States	05-Dec-00	Granted	Hologic, Inc.
METHOD AND APPARATUS FOR MAMMOGRAPHIC COMPRESSION	5706327	United States	06-Jan-98	Granted	Hologic, Inc.
METHOD AND APPARATUS FOR OBTAINING STEREOTACTIC MAMMOGRAPHIC GUIDED NEEDLE BREAST BIOPSIES	5594769	United States	14-Jan-97	Granted	Hologic, Inc.

NY\1332579.4

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
METHOD AND APPARATUS FOR REDUCING NOISE IN A RADIATION CAPTURE DEVICE	5648660	United States	15-Jul-97	Granted	Direct Radiography, Inc.
METHOD AND APPARATUS FOR REMOVING TISSUE FROM A REGION OF INTEREST USING STEREOTACTIC RADIOGRAPHIC GUIDANCE	6214018	United States	10-Apr-01	Granted	Hologic, Inc.
METHOD AND SYSTEM FOR DISPLAYING MEDICAL IMAGES	10/307217	United States	29-Nov-02	Filed	Direct Radiography Corp.
METHOD FOR AUTOMATIC DETECTION OF REGION OF INTEREST FOR DIGITAL X-RAY DETECTORS USING A FILTERED HISTOGRAM	6118892	United States	12-Sep-00	Granted	Direct Radiography Corp.
METHOD OF ASSESSING BONE CHARACTERISTICS USING DIGITAL 2-DIMENSIONAL X-RAY DETECTOR	6282258	United States	28-Aug-01	Granted	Hologic, Inc.
METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE STORAGE	RE37,614	United States	02-Apr-02	Granted	Hologic, Inc.
METHOD OF RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY	4986273	United States	22-Jan-91	Granted	Hologic, Inc.
METHOD OF RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY	RE34511	United States	18-Jan-94	Granted	Hologic, Inc.
METHOD OF SCANNING THE SPINE OF A PATIENT TO DETERMINE BONE DENSITY ALONG TWO DIFFERENT AXES	5572998	United States	12-Nov-96	Granted	Hologic, Inc.
METHOD TO REDUCE SCATTER RADIATION IN DIGITAL IMAGING SYSTEM	6888144	United States	03-May-05	Granted	Direct Radiography Corp.
MINIATURE C-ARM APPARATUS WITH C-ARM MOUNTED COMPACT OIL IMMERSION POWER SUPPLY	09/405025	United States	24-Sep-99	Filed	Hologic, Inc.
MINIATURE C-ARM APPARATUS WITH C-ARM MOUNTED CONTROLS	6234672	United States	22-May-01	Granted	Hologic, Inc.
MINIATURE C-ARM APPARATUS WITH DUAL MONITOR SYSTEM USING A SINGLE DRIVER INTERFACE FOR 100% SYNCHRONOUS OPERATION OF BOTH MONITORS	6256374	United States	03-Jul-01	Granted	Hologic, Inc.
MINIATURE C-ARM APPARATUS WITH MULTIPLE X-RAY INDICATORS	6236712	United States	22-May-01	Granted	Hologic, Inc.
MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA)	5483960	United States	16-Jan-96	Granted	Hologic, Inc.
MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA)	6002959	United States	14-Dec-99	Granted	Hologic, Inc.
MOTION CONTROLLING SYSTEM FOR MOTORIZED MEDICAL EQUIPMENT CARRIAGE	6237707	United States	29-May-01	Granted	Hologic, Inc.
MTHOD FOR BREAST SCREENING IN FUSED MAMMOGRAPHY	11/632078	United States	07-Jul-05	Filed	Hologic, Inc.
PANEL CONNECTOR FOR TEMPERATURE GRADIENT SENSING PROBE	6117088	United States	20-Oct-92	Granted	Hologic, Inc.
PIXEL SHAPING FOR SPATIAL FREQUENCY FILTERING IN DIGITAL RADIOGRAPHY	NYK	United States	20-Mar-07	Docketed	Hologic, Inc.
PORTABLE INDUSTRIAL X-RAY SYSTEM CONVENIENTLY FIELD-CONFIGURABLE FOR GAS OR LIQUID COOLING	7192189	United States	24-Nov-92	Granted	Hologic, Inc.
POSITION INDICATING SYSTEM FOR A MULTIDIAGNOSTIC SCANNER	5165410	United States	27-Jul-93	Granted	Hologic, Inc.
PRONE POSITION STEREOTACTIC MAMMOGRAPHY NEEDLE BIOPSY APPARATUS & METHOD FOR USING SAME	5609152	United States	15-Feb-95	Granted	Hologic, Inc.
RADIOGRAM SHOWING LOCATION OF AUTOMATIC EXPOSURE CONTROL SENSOR	6327336	United States	16-Apr-97	Granted	Direct Radiography Corp.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
READOUT SEQUENCE FOR RESIDUAL IMAGE ELIMINATION IN A RADIATION DETECTION PANEL	5969360	United States	10-Dec-03	Granted	Direct Radiography Corp.
SAMPLED ANTI-ALIASING FILTER FOR DIGITAL RADIOGRAPHY	NYK	United States	28-Oct-03	Docketed	
SCANNING X-RAY IMAGING SYSTEM WITH ROTATING C-ARM	6640123	United States	09-Jun-98	Granted	Hologic
SCANNING X-RAY IMAGING SYSTEM WITH ROTATING C-ARM	5762608	United States	10-Nov-94	Granted	Hologic, Inc.
SCATTER REJECTION FOR COMPOSITE MEDICAL IMAGING SYSTEM	10/552934	United States	11-Oct-05	Filed	Hologic, Inc.
SCATTER REJECTION FOR COMPOSITE MEDICAL IMAGING SYSTEM	10/412751	United States	11-Apr-03	Filed	Hologic, Inc.
SELECTIVE EQUALIZATION RADIOGRAPHY	5070519	United States	12-3-91	Filed	Hologic, Inc.
SELECTIVE LASER REMOVAL OF DIELECTRIC COATING	6060683	United States	22-Sep-98	Granted	Direct Radiography Corp.
SIGNAL PROFILING FOR MEDICAL IMAGING SYSTEMS	10/412736	United States	07-Jul-98	Filed	Hologic, Inc.
SINGLE/DUAL-ENERGY X-RAY DENSITOMETRY SCANNING INCLUDING OPERATOR SELECTED SCANNING SEQUENCES	5778045	United States	07-Jun-95	Granted	Hologic, Inc.
SINGLE-STROKE RADIATION ANTI-SCATTER DEVICE FOR X-RAY EXPOSURE WINDOW	6181773	United States	07-Oct-03	Granted	Direct Radiography Corp.
SOURCE FILTER FOR RADIOGRAPHIC IMAGING	4956859	United States	10-Mar-89	Granted	Hologic, Inc.
STEREOTACTIC MAMMOGRAPHY IMAGING SYSTEM WITH PRONE POSITION EXAMINATION TABLE AND CCD CAMERA	5289520	United States	06-Oct-92	Granted	Hologic, Inc.
STEREOTACTIC MAMMOGRAPHY SYSTEM IMAGING	5426685	United States	25-Sep-96	Granted	Hologic, Inc.
STROKE ANTI SCATTER GRID FOR VARIABLE X-RAY EXPOSURE WINDOW	NYK	United States	22-Feb-00	Docketed	
SYSTEM FOR ASSESSING BONE CHARACTERISTICS	6029078	United States	23-Jan-98	Granted	Hologic, Inc.
SYSTEM FOR CONVERTING CONVENTIONAL X-RAY APPARATUS TO A DIGITAL IMAGING DEVICE (DRC-690)	09/109649	United States	06-Apr-99	Filed	Hologic, Inc.
SYSTEM FOR RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY	5891033	United States	08-May-01	Granted	Hologic, Inc.
SYSTEM FOR RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY	6230036	United States	31-May-95	Granted	Hologic, Inc.
Temperature Gradient Sensing Probe for Monitoring Hyperthermic Medical Treatments	6123675	United States	9.26.00	Issued	Hologic, Inc.
Temperature Gradient Sensing Probe for Monitoring Hyperthermic Medical Treatments	6117088	United States	26-Sep-00	Issued	Hologic, Inc.
TILE MOTIF FOR ANTI-SCATTER GRID	6690767	United States	19-Feb-02	Granted	Direct Radiography Corp.
TOUCHLESS TFT PANEL LAMINATION FIXTURE AND PROCESS	10/996505	United States	24-Nov-04	Filed	Hologic, Inc.
TWO- DIMENSIONAL SLOT X-RAY BONE DENSITOMETRY, RADIOGRAPHY AND TOMOGRAPHY	6496557	United States	22-Jan-01	Granted	Hologic, Inc.
ULTRASONIC BONE TESTING APPARATUS WITH REPEATABLE POSITIONING & REPEATABLE COUPLING	6004272	United States	24-Oct-00	Granted	Hologic, Inc.
ULTRASONIC BONE TESTING APPARATUS WITH REPEATABLE POSITIONING & REPEATABLE COUPLING	6135964	United States	28-Dec-04	Granted	Hologic, Inc.
ULTRASONIC BONE TESTING WITH COPOLYMER TRANSDUCERS	6835178	United States	16-Jun-00	Granted	Hologic, Inc.
USER INTERFACE SYSTEM FOR MAMMOGRAPHIC IMAGER	6459925	United States	24-Nov-99	Granted	Hologic, Inc.
USER INTERFACE SYSTEM FOR MAMMOGRAPHIC IMAGER		United States	27-Sep-02	Filed	



TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
VASCULAR BRACHY THERAPY		United States	30-Jan-01	Docketed	
WHOLE-BODY DUAL ENERGY BONE DENSITOMETRY USING A NARROW ANGLE FAN BEAM	5432834	United States	17-Nov-98	Granted	Hologic, Inc.
WHOLE-BODY X-RAY BONE DENSITOMETRY USING A NARROW-ANGLE FAN BEAM, INCLUDING VARIABLE FAN BEAM DISPLACEMENT BETWEEN SCAN PASSES	5838765	United States	07-Jun-95	Granted	Hologic, Inc.
WIDE DYNAMIC RANGE DIGITAL IMAGING SYSTEM AND METHOD	6791091	United States	13-May-02	Filed	Hologic, Inc.
X-RAY ANALYSIS APPARATUS	5132995	United States	28-Dec-99	Granted	Hologic, Inc.
X-RAY BONE DENSITOMETRY	6009147	United States	24-Nov-95	Granted	Hologic, Inc.
X-RAY BONE DENSITOMETRY	5748705	United States	17-Apr-01	Granted	Hologic, Inc.
X-RAY BONE DENSITOMETRY APPARATUS	6217214	United States	07-Jun-97	Granted	Hologic, Inc.
X-RAY BONE DENSITOMETRY APPARATUS WITH VARIABLE ATTENUATION, MODULATION & COLLIMATION OF PENETRATING RADIATION BEAM	5835555	United States	23-Jun-98	Granted	Hologic, Inc.
X-RAY BONE DENSITOMETRY DETECTOR CALIBRATION BY BEAM FLATTENING & CONTINUOUS DARK SCANNING	5771272	United States	15-Aug-00	Granted	Hologic, Inc.
X-RAY BONE DENSITOMETRY USING A VERTICALLY SCANNING GANTRY	6102567	United States	10-Feb-98	Granted	Hologic, Inc.
X-RAY BONE DENSITOMETRY USING MULTIPLE PASS SCANNING WITH IMAGE BLENDING	5715820	United States	06-Jun-95	Granted	Hologic, Inc.
X-Ray Image Processing	5930327	United States	27-Jul-99	Issued	Hologic, Inc.
X-RAY MAMMOGRAPHY WITH TOMOSYNTHESIS	10/723486	United States	26-Nov-03	Filed	Hologic, Inc.
ADAPTER ASSEMBLY FOR STEREOTACTIC BIOPSY	10/803,698	United States	3/19/2004	Issued	Suros Surgical Systems, Inc.
ALTERNATE TISSUE FILTER	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
ALTERNATIVE MARKER (PIG IN A BLANKET)	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
ANEURYSM CLIP	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
APPARATUS FOR COLLECTING AND STAGING TISSUE	08/383,777	United States	2/6/1995	Issued	Suros Surgical Systems, Inc.
APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL	08/018,045	United States	2/16/1993	Issued	Suros Surgical Systems, Inc.
APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL	08/319,126	United States	2/16/1993	Pending	Suros Surgical Systems, Inc.
APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL	08/483,385	United States	2/16/1993	Pending	Suros Surgical Systems, Inc.
APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL	08/486,350	United States	2/16/1993	Pending	Suros Surgical Systems, Inc.
BENT TIP DEPLOYMENT DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	09/707,022	United States	11/6/2000	Issued	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	09/864,031	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	10/639,569	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	10/848/278	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	10/958,026	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	10/970,269	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	11/247,707	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	11/351/917	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	11/364,123	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY APPARATUS	10/903,305	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
BIOPSY SITE MARKER DEPLOYMENT DEVICE	11/305,141	United States	7/29/2003	Issued	Suros Surgical Systems, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
BIRD CAGE TRAY	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
BIRD CAGE WIRE INTERACTION	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
COMPRESSIBLE DEPLOYMENT DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
DISPOSABLE AUTOMATED TISSUE EXCISION AND COLLECTION (DATEC) DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
DISPOSABLE HUB FOR A SURGICAL CUTTING INSTRUMENT	09/335,153	United States	6/17/1999	Issued	Suros Surgical Systems, Inc.
END DEPLOY HUB		United States	10/14/2004	Pending	Suros Surgical Systems, Inc.
END DEPLOY HUB	11/238,295	United States	10/14/2004	Pending	Suros Surgical Systems, Inc.
END DEPLOY HUB	11/518,972	United States	10/14/2004	Pending	Suros Surgical Systems, Inc.
END DEPLOY HUB	11/518,826	United States	10/14/2004	Pending	Suros Surgical Systems, Inc.
FLEXIBLE NEEDLE GUIDE	11/693,534	United States	3/29/2006	Pending	Suros Surgical Systems, Inc.
FOLDED MARKER	10/964,087	United States	10/13/2004	Pending	Suros Surgical Systems, Inc.
FOLDED MARKER	11/242/334	United States	10/13/2004	Issued	Suros Surgical Systems, Inc.
FOLDED MARKER	11/561,919	United States	10/13/2004	Issued	Suros Surgical Systems, Inc.
HEMISPHERICAL OR BLUNT TIPPED VABB DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
HIGH INTENSITY FOCUSED ULTRASOUND COAGULATION	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
IMPLANT DELIVERY SYSTEM	11/717,825	United States	3/14/2007	Issued	Suros Surgical Systems, Inc.
MARKER SIDE DEPLOYMENT DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
MORCELLATOR WITH DIRECT HEAT COAGULATION	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
MORCELLATOR WITH DIRECT HEAT COAGULATION	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
MRI HANDPIECE SUPPORT MECHANISM	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
NEEDLE GUIDE FOR STEREOTACTIC BIOPSY	10/377/542	United States	2/28/2003	Issued	Suros Surgical Systems, Inc.
NEW SITE IDENTIFIER	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
NON-REFLECTIVE SURFACES FOR SURGICAL PROCEDURES	09/053,429	United States	4/1/1998	Issued	Suros Surgical Systems, Inc.
OPAL BIOPSY SYSTEM	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
OPEN SURGICAL BIOPSY DEVICE WITH ROTATIONAL CUTTER AND ASPIRATION	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
PUSH BUTTON PULL BACK DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
REAL-TIME PATHOLOGY	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
REGISTRATION SYSTEM	NYK	United States	10/7/2002	Pending	Suros Surgical Systems, Inc.
REGISTRATION SYSTEM	10/649,068	United States	10/7/2002	Pending	Suros Surgical Systems, Inc.
REGISTRATION SYSTEM	11/516,277	United States	10/7/2002	Pending	Suros Surgical Systems, Inc.
REPOSITIONABLE BREAST LOCALIZATION DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
REVERSE DEPLOYMENT DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
ROTARY SURGICAL CUTTING INSTRUMENT	08/141,405	United States	NYK	Pending	Suros Surgical Systems, Inc.
ROTATING SURGICAL CUTTER	11/235,637	United States	10/22/1993	Issued	Suros Surgical Systems, Inc.
ROTATIONAL SCREW INNER CANULA SECUREMENT FOR A SURGICAL SITE MARKER AND DEPLOYMENT DEVICE FOR SAME	60/915,275	United States	5/1/2007	Issued	Suros Surgical Systems, Inc.
SELECTIVELY CLOSEABLE VALVE MEMBER	10/786,727	United States	2/25/2004	Pending	Suros Surgical Systems, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
SELECTIVELY OPENABLE TISSUE FILTER	11/132,034	United States	5/18/2005	Issued	Suros Surgical Systems, Inc.
SINGLE MOTOR HANDHELD BIOPSY DEVICE	11/058,128	United States	2/15/2005	Issued	Suros Surgical Systems, Inc.
SLOTTED DEPLOYMENT DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
SPRING LOADED CORE BIOPSY DEVICE WITH ROTATIONAL CUTTER	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
SPRING LOADED CORE BIOPSY DEVICE WITH USE OF A SHEARING ACTION ROTARY INNER CUTTING CANNULA	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
STYLET MOUNT	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
SURGICAL ADAPTER	11/110,519	United States	4/20/2005	Issued	Suros Surgical Systems, Inc.
SURGICAL CUTTING INSTRUMENT	08/278,558	United States	7/21/1994	Issued	Suros Surgical Systems, Inc.
SURGICAL CUTTING INSTRUMENT	09/118,045	United States	7/21/1994	Pending	Suros Surgical Systems, Inc.
SURGICAL CUTTING INSTRUMENT	09/015,832	United States	7/21/1994	Pending	Suros Surgical Systems, Inc.
SURGICAL DEVICE WITH ERGONOMICALLY IMPROVED HANDPIECE	10/941,244	United States	9/15/2003	Pending	Suros Surgical Systems, Inc.
SURGICAL HANDPIECE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
SURGICAL INSTRUMENT FOR MINIMALLY INVASIVE TISSUE REMOVAL	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
SURGICAL SITE MARKER DELIVERY SYSTEM	11/284,677	United States	11/22/2006	Issued	Suros Surgical Systems, Inc.
SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY	11/237,110	United States	9/25/2005	Issued	Suros Surgical Systems, Inc.
SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY	11/550,209	United States	9/25/2005	Pending	Suros Surgical Systems, Inc.
SYSTEM FOR CONTROLLING A MOTOR DRIVEN SURGICAL CUTTING INSTRUMENT	6358263	United States	3/19/02	Issued	Suros Surgical Systems, Inc.
THERMOSENSITIVE BIOPSY SITE MARKER	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
TISSUE COLLECTION CONTAINER	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
TISSUE COLLECTION SYSTEM & LIP STICK TISSUE FILTER	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
TISSUE EXTRACTION DEVICE	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
					Suros Surgical Systems, Inc.
VACUUM ASSISTED BIOPSY DEVICE	NYK	United States	2/28/2007	Pending	Suros Surgical Systems, Inc.
VACUUM ASSISTED BIOPSY DEVICE	60/892,174	United States	2/28/2007	Pending	Suros Surgical Systems, Inc.
VACUUM ASSISTED BIOPSY NEEDLE SET	60/510,866	United States	10/14/2003	Issued	Suros Surgical Systems, Inc.
VACUUM ASSISTED BIOPSY NEEDLE SET	10/964,959	United States	10/14/2003	Pending	Suros Surgical Systems, Inc.
VACUUM ASSISTED BIOPSY NEEDLE SET	11/389,274	United States	10/14/2003	Pending	Suros Surgical Systems, Inc.
METHOD AND APPARATUS FOR FAST DETECTION OF SPICULATED LESIONS IN DIGITAL MAMMOGRAMS	5815591	United States	9/29/1998	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR FAST DETECTION OF SPICULATED LESIONS IN DIGITAL MAMMOGRAMS	6263092	United States	7/17/2001	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR FAST DETECTION OF SPICULATED LESIONS IN DIGITAL MAMMOGRAMS	6640001	United States	10/28/2003	Issued	R2 Technology, Inc.
SELECTIVE EQUALIZATION RADIOGRAPHY	5070519	United States	12.3.91	Issued	Hologic, Inc.
WHOLE-BODY DUAL ENERGY BONE DENSITOMETRY USING A NARROW ANGLE FAN BEAM	5432834	United States	7.11.95	Issued	Hologic, Inc.
MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA)	5483960	United States	1.16.96	Issued	Hologic, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA)	6002959	United States	12.14.99	Pending	Hologic, Inc.
*DEVICE FOR CUSHIONING OF COMPRESSION SURFACES	6577702	United States	6.10.03	Issued	Biolucent, Inc.
*DEVICE FOR CUSHIONING OF COMPRESSION SURFACES	6765984; 2003/007597	United States	7.20.04; 1.9.03	Issued	Biolucent, Inc.
*DEVICE FOR CUSHIONING OF COMPRESSION SURFACES	6968033; US 2003/0174807	United States	11.22.05; 9.18.03	Issued	Biolucent, Inc.
*DISPOSABLE PADDING DEVICE FOR A MAMMOGRAPHY X-RAY PLATE	5541972	United States	7.30.96	Issued	
*DEVICE FOR CUSHIONING OF COMPRESSION SURFACES	2005/0036584 A1	United States	2.17.05	Filed	
*PADS FOR MAMMOGRAPHY AND METHODS FOR MAKING AND USING THEM (GEL PAD)	2006/0126794	United States	6.15.06	Filed	Biolucent, Inc.
*DEVICE FOR CUSHIONING OF COMPRESSION SURFACES	2006/0239399	United States	10.26.06	Filed	
A METHOD AND APPARATUS FOR EXPANDING THE USE OF EXISTING COMPUTER-AIDED DETECTION CODE	7072498	US	7/4/2006	Issued	R2 Technology, Inc.
A METHOD AND APPARATUS FOR NON-INVASIVE SYNCHRONIZATION OF A FILM VIEWER AND AN INDEPENDENT DISPLAY MECHANISM	10/306,016	US	NYK	Pending	R2 Technology, Inc.
A METHOD AND APPARATUS FOR QUALITY ASSURANCE AND QUALITY CONTROL IN RADIOLOGICAL EQUIPMENT USING AUTOMATIC ANALYSIS TOOLS	10/288,151	US	NYK	Pending	R2 Technology, Inc.
A METHOD AND APPARATUS OF MAKING COMPUTER-AIDED DIAGNOSTIC IMAGES AVAILABLE	10/306,398	US	NYK	Pending	R2 Technology, Inc.
A METHOD AND APPARATUS TO ASSOCIATE USER DATA FROM A RADIOGRAPH	10/142,704	US	NYK	Pending	R2 Technology, Inc.
AUTOMATED REGISTRATION OF 3-D MEDICAL SCANS OF SIMILAR ANATOMICAL STRUCTURES	6909794	US	6/21/2005	Issued	R2 Technology, Inc.
AUTOMATICALLY DETECTING THE PRESENCE OF CONTRAST AGENT IN A MEDICAL IMAGE	10/998,238	US	NYK	Pending	R2 Technology, Inc.
COMMUNICATING COMPUTER-AIDED DETECTION RESULTS IN A STANDARDS-BASED MEDICAL IMAGING ENVIRONMENT	6,909,795	US	6/21/2005	Issued	R2 Technology, Inc.
COMMUNICATING COMPUTER-AIDED DETECTION RESULTS IN A STANDARDS-BASED MEDICAL IMAGING ENVIRONMENT	20050244041A1 11/147674	US	4/2/2005	Pending	R2 Technology, Inc.
DENSITY NODULE DETECTION IN 3-D MEDICAL IMAGES	6909797	US	6/21/2005	Issued	R2 Technology, Inc.
DENSITY NODULE DETECTION IN 3-D MEDICAL IMAGES	20050169526A1 11/087820	US	9/16/2005	Pending	R2 Technology, Inc.
DISPLAYING AND NAVIGATING COMPUTER-AIDED DETECTION RESULTS ON A REVIEW WORKSTATION	2007/0003119A1 11/173960	US	11/3/2007	Pending	R2 Technology, Inc.
ENHANCED NAVIGATIONAL TOOLS FOR COMPARING MEDICAL IMAGES	11/344,832	US	NYK	Pending	R2 Technology, Inc.
FACILITATING COMPARISON OF MEDICAL IMAGES	11/323,939	US	NYK	Pending	R2 Technology, Inc.
FACILITATING COMPARISON OF MEDICAL IMAGES	11/602,575	US	NYK	Pending	R2 Technology, Inc.
FACILITATING COMPUTER-AIDED DETECTION, COMPARISON, AND/OR DISPLAY OF MEDICAL IMAGES	20040213447A1 10/622978	US	2/13/1004	Pending	R2 Technology, Inc.
FACILITATING TEMPORAL COMPARISON OF MEDICAL IMAGES	11/600,246	US	NYK	Pending	R2 Technology, Inc.
GRAPHICAL USER INTERFACE FOR DISPLAY OF ANATOMICAL INFORMATION	6925200	US	7/2/2005	Issued	R2 Technology, Inc.
GRAPHICAL USER INTERFACE FOR DISPLAY OF ANATOMICAL INFORMATION	7072501	US	7/4/2006	Issued	R2 Technology, Inc.
GRAPHICAL USER INTERFACE FOR DISPLAY OF ANATOMICAL INFORMATION	20070003124A1 11/438779	US	3/12/2007	Pending	R2 Technology, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
MEDICAL IMAGE REVIEW WORKSTATION WITH INTEGRATED CONTENT-BASED RESOURCE RETRIEVAL	2006/0147099A1 11/026603	US	7/14/2006	Pending	R2 Technology, Inc.
METHOD AND APPARATUS FOR AN IMPROVED COMPUTER-AIDED DIAGNOSIS SYSTEM	7054473	US	5/30/2006	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR AN INTERFACE TO A COMPUTER-AIDED DIAGNOSIS SYSTEM	10/040,498	US	NYK	Pending	R2 Technology, Inc.
METHOD AND APPARATUS FOR AUTO-CONVERTING DATA FROM A COMPUTER AIDED DETECTION SYSTEM	09/991,819	US	NYK	Pending	R2 Technology, Inc.
METHOD AND APPARATUS FOR AUTOMATED DETECTION OF MASSES IN DIGITAL IMAGES	6580818	US	6/17/2003	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR AUTOMATED DETECTION OF MASSES IN DIGITAL MAMMOGRAMS	6301378	US	10/9/2001	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR AUTOMATIC MUSCLE SEGMENTATION IN DIGITAL MAMMOGRAMS	6035056	US	4/7/2000	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR CLASSIFYING DETECTION INPUTS IN MEDICAL IMAGES	11/344,834	US	NYK	Pending	R2 Technology, Inc.
METHOD AND APPARATUS FOR CORRECTION OF MAMMOGRAMS FOR NON-UNIFORM BREAST THICKNESS	7,203,348	US	4/10/2007	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR CORRECTION OF MAMMOGRAMS FOR NON-UNIFORM BREAST THICKNESS	11/416,646	US	NYK	Pending	R2 Technology, Inc.
METHOD AND APPARATUS FOR INDEPENDENT DISPLAY IN A COMPUTER-AIDED DETECTION AND/OR DIAGNOSIS SYSTEM	7174515	US	2/6/2007	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR SETTING A DETECTION THRESHOLD IN PROCESSING MEDICAL IMAGES	11/344,838	US	NYK	Pending	R2 Technology, Inc.
METHOD AND SYSTEM FOR AUTOMATIC IDENTIFICATION AND ORIENTATION OF MEDICAL IMAGES	7146031	US	12/5/2006	Issued	R2 Technology, Inc.
METHOD AND SYSTEM FOR AUTOMATIC IDENTIFICATION AND ORIENTATION OF MEDICAL IMAGES	20070076938A1 11/634434	US	6/7/2007	Pending	R2 Technology, Inc.
METHOD AND SYSTEM FOR COMPUTER-AIDED LESION DETECTION USING INFORMATION FROM MULTIPLE IMAGES	6075879	US	6/13/2000	Issued	R2 Technology, Inc.
METHOD AND SYSTEM FOR DETECTION OF SUSPICIOUS LESIONS IN DIGITAL MAMMOGRAMS USING A COMBINATION OF SPICULATION AND DENSITY SIGNALS	6198838	US	3/6/2001	Issued	R2 Technology, Inc.
METHOD AND SYSTEM FOR FAST DETECTION OF LINES IN MEDICAL IMAGES	6404908	US	6.11.02	Issued	R2 Technology, Inc.
METHOD AND SYSTEM FOR FAST DETECTION OF LINES IN MEDICAL IMAGES	20020159622A1 10/152462	US	6/11/2002	Pending	R2 Technology, Inc.
METHOD AND SYSTEM FOR THE DISPLAY OF REGIONS OF INTEREST IN MEDICAL IMAGES	20020097902A1 09/990508	US	7/9/2002	Pending	R2 Technology, Inc.
METHOD AND SYSTEM FOR USING LOCAL ATTENTION IN THE DETECTION OF ABNORMALITIES IN MEDICAL IMAGES	6014452	US	1/11/2000	Issued	R2 Technology, Inc.
METHOD FOR SEGMENTING ARTERIES AND VEINS	11/344,833	US	NYK	Pending	R2 Technology, Inc.
MODEL-BASED GRAYSCALE REGISTRATION OF MEDICAL IMAGES	2005013471A1 10/623191	US	3/1/2005	Pending	R2 Technology, Inc.
MONITORING AND CONTROL OF MAMMOGRAPHIC COMPUTER-AIDED DETECTION PROCESSING	20060126909A1 10/998121	US	6.12.06	Pending	R2 Technology, Inc.
PATIENT WORKLIST MANAGEMENT IN A DIGITAL RADIOGRAPHY REVIEW WORKSTATION	11/208,271	US	NYK	Pending	R2 Technology, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
PLEURAL NODULE DETECTION FROM CT THORACIC IMAGES	6766043	US	7/20/2004	Issued	R2 Technology, Inc.
PROCESSING MEDICAL IMAGE INFORMATION TO DETECT ANATOMICAL ABNORMALITIES	11/419,980	US	NYK	Pending	R2 Technology, Inc.
REGION GROWING IN ANATOMICAL IMAGES	20030099386A1 10/261182	US	9/9/2003	Pending	R2 Technology, Inc.
SEGMENTATION IN MEDICAL IMAGES	20030099385A1 10/261196	US	9/9/2003	Pending	R2 Technology, Inc.
SIMULTANEOUS GRAYSCALE AND GEOMETRIC REGISTRATION OF IMAGES	20050163360A1 11/026558	US	3/16/2005	Pending	R2 Technology, Inc.
USER DEFINABLE SCANNING PROTOCOLS FOR USE WITH MAMMOGRAPHIC COMPUTER-AIDED DETECTION AND FILM SCANNING SYSTEMS	NYK	US	NYK	Pending	
USER INTERFACE FOR COMPUTER AIDED DIAGNOSIS SYSTEM	5917929	US	6/29/1999	Issued	R2 Technology, Inc.
VESSEL SEGMENTATION WITH NODULE DETECTION	20020090121A1 7272250	US	9/12/2002	Pending	R2 Technology, Inc.
Digital scan mammography apparatus	5526394	US	6/11/1996	Issued	Hologic, Inc.
Method and apparatus for removing tissue from a region of interest using stereotactic radiographic guidance	6258104	US	7/10/2001	Issued	Hologic, Inc.
Amorphous selenium flat panel x-ray imager for tomosynthesis and static imaging	7233005	US	6/19/2007	Issued	Hologic, Inc.
X-ray mammography/tomosynthesis of patient's breast	7245694	US	7/17/2007	Issued	Hologic, Inc.
Mammography needle biopsy system and method	10/723406	US	11/25/03	Pending	Hologic, Inc.
X-ray mammography with tomosynthesis	10/723486	US	11/26/03	Pending	Hologic, Inc.
Image handling and display in x-ray mammography and tomosynthesis	11/271050	US	11/10/05	Pending	Hologic, Inc.
Amorphous selenium flat panel x-ray imager for tomosynthesis and static imaging	11/412396	US	4/27/06	Pending	Hologic, Inc.
Vessel segmentation with nodule detection	09993791	US	11/23/01	Pending	R2 Technology, Inc.
Lung field segmentation from ct thoracic images	09993793	US	11/23/01	Pending	R2 Technology, Inc.
Facilitating computer-aided detection, comparison and/or display of medical images	10622978	US	7/18/03	Pending	R2 Technology, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Status	Owner
Medical image review workstation with integrated content-based resource retrieval	11026603	US	12/30/04	Pending	R2 Technology, Inc.
X-ray photoconductive compositions for x-ray radiography	5556716	US	9/17/1996	Issued	Direct Radiography Corp.
Pads for mammography and methods for making and using them	11265713	US	11/1/2005	Pending	BioLucent, Inc.
Brachytherapy apparatus and methods of using same	11554731	US	10/31/2006	Pending	BioLucent, Inc.
Helical brachytherapy apparatus and methods of using same	11557747	US	11/8/2006	Pending	BioLucent, Inc.
Method and system for drug delivery	11280979	US	11/15/05	Pending	Cytoc Corporation

# 1522618

NY\1332579.4

**RECORDED: 10/26/2007**

**PATENT  
REEL: 020024 FRAME: 0261**