PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	PATENT SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
R2 TECHNOLOGY, INC.	10/22/2007

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 56

Property Type	Number
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
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PATENT " REEL: 020024 FRAME: 0231

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

CORRESPONDENCE DATA

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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

REEL: 020024 FRAME: 0233

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., Cytyc Corporation and Cytyc 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").

$\underline{\mathbf{W}}$ ITNESSETH:

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. <u>Defined Terms</u>. 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. <u>Security Agreement</u>. 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

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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. <u>Applicable Law</u>. 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. <u>Counterparts</u>. 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

Name: Glenn P. Muir

Title: Executive Vice President Finance and

Administration

R2 TECHNOLOGY, INC.,

as Grantor

Name: Glenn P. Muir

Title: Executive Vice President, Treasurer and

Secretary

SUROS SURGICAL SYSTEMS, INC.,

as Grantor

Name: Glenn P. Muir

Title: Executive Vice President, Treasurer and

Secretary

BIOLUCENT, LLC,

as Grantor

By: Hologic, Inc., Its Sole Manager

Name: Glenn P. Muir

Title: Executive Vice President Finance and

Administration

DIRECT RADIOGRAPHY CORP.,

as Grantor

Name: Glenn P. Muir

Title: Executive Vice President, Treasurer and

Secretary

CYTYC CORPORATION,

as Grantor

Name: Glenn P. Muir

Title: Executive Vice President, Treasurer and

Secretary

CYTYC SURGICAL PRODUCTS, LIMITED PARTNERSHIP,

as Grantor

By: Cytyc Corporation, Its General Partner

Name: Glenn P. Muir

Title: Executive Vice President, Treasurer and

Secretary

Accepted and Agreed:

GOLDMAN SACHS CREDIT PARTNERS L.P.,

as Collateral Agent

Name:

Title:

BRUCE H. MENDELSOHN AUTHORIZED SIGNATORY

Patent Security Agreement

$\begin{array}{c} \text{SCHEDULE I} \\ \text{to} \\ \text{PATENT SECURITY AGREEMENT} \end{array}$

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				United States of			Cytyc
Device	07/717,090	5185084	Granted	America	18-Jun-1991	09-Feb-1993	Corporation
Method and Apparatus for Controlled Instrumentation							Cytyc Corporation
of Particles with a Filter				United States of			Corporation
Device	07/884,622	5266495	Granted	America	15-Jan-1992	30-Nov-1993	
Method and Apparatus for Controlled Instrumentation							Cytyc
of Particles with a Filter				United States of			Corporation
Device	08/061,928	6010909	Granted	America	13-May-1993	04-Jan-2000	
Method and Apparatus for Controlled Instrumentation							Cytyc
of Particles with a Filter				United States of			Corporation
Device	09/417,785	6225125	Granted	America	14-Oct-1999	01-May-2001	
This sin Chain Tanksin	07/707 010	E100000	0	United States of	05 Nov. 1001	01 D 1000	Cytyc
Thionin Stain Technique Method and Apparatus for	07/797,312	5168066	Granted	America	25-Nov-1991	01-Dec-1992	Corporation Cytyc
Preparing Cells for				United States of			Corporation
Examination	07/550,142	5143627	Granted	America	09-Jul-1990	01-Sep-1992	
Method and Apparatus for Preparing Cells for				United States of			Cytyc Corporation
Examination	07/937,247	5240606	Granted	America	24-Aug-1992	31-Aug-1993	Corporation
				United States of		Ĭ	Cytyc
Cell Preservative Solution	07/694,452	5256571	Granted	America	01-May-1991	26-Oct-1993	Corporation
Apparatus for Collection and Transfer of Particles				United States of			Cytyc Corporation
and Manufacture Thereof	07/843,571	5364597	Granted	America	28-Feb-1992	15-Nov-1994	00.60.000
Apparatus for Collection							Cytyc
and Transfer of Particles and Manufacture Thereof	08/285,416	5503802	Granted	United States of America	03-Aug-1994	02-Apr-1996	Corporation
Apparatus for Collection	00/200,410	3300002	Granica	America	00 / tag 1004	02 Npi 1000	Cytyc
and Transfer of Particles			1	United States of			Corporation
and Manufacture Thereof Systems and Methods for	08/592,010	5772818	Granted	America	26-Jan-1996	30-Jun-1998	Cytyc
Collecting Fluid Samples							Corporation
Having Select			1	United States of			,
Concentrations of Particles Systems and Methods for	08/742,647	5942700	Granted	America	01-Nov-1996	24-Aug-1999	Cytyc
Collecting Fluid Samples							Corporation
Having Select				United States of			'
Concentrations of Particles Systems and Methods for	09/372,146	6318190	Granted	America	20-Aug-1999	20-Nov-2001	Cytyc
Collecting Fluid Samples							Corporation
Having Select				United States of			'
Concentrations of Particles Sample Vial for Use in	-374452	6634244	Granted	America	12-Nov-2001	21-Oct-2003	Cytyc
Preparing Cytological				United States of			Corporation
Specimen	09/156,952		Published	America	18-Sep-1998		·
Sample Vial or Similar	20/002 006	D420744	Granted	United States of	10 Son 1000	15 Eab 2000	Cytyc
Article Method and Apparatus for	29/093,806	D420744	Granted	America	18-Sep-1998	15-Feb-2000	Corporation Cytyc
Preparing Cytological				United States of			Corporation
Specimens	09/520,421	6572824	Granted	America	08-Mar-2000	03-Jun-2003	Codora
Method and Apparatus for Preparing Cytological				United States of			Cytyc Corporation
Specimens	10/421,480		Published	America	22-Apr-2003		30. po. ation
Method and Apparatus for				11-11-1-01-1			Cytyc
Preparing Cytological Specimens	09/521,531	6562299	Granted	United States of America	08-Mar-2000	13-May-2003	Corporation
Method and Apparatus for	00/021,001	0002299	Granted	Autorioa	00 IVIAI-2000	10 Way-2003	Cytyc
Preparing Cytological			1	United States of	l		Corporation
Specimens	10/421,549		Published	America	22-Apr-2003		

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Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Method and Apparatus for	App. No.	rai. No.	Status	Country	Filling Date	issue Date	Cytyc
Magnetically Separating							Corporation
Biological Particles From a	00/007 005	E000040	0	United States of	14.41004	11 5-5 1007	
Mixture Cytological Stain	08/227,665	5602042	Granted	America United States of	14-Apr-1994	11-Feb-1997	Cytyc
Composition	09/430,116	6348325	Granted	America	29-Oct-1999	19-Feb-2002	Corporation
Cytological Stain				United States of			Cytyc
Composition	10/054,578	6593102	Granted	America United States of	12-Nov-2001	15-Jul-2003	Corporation
Cytological Imaging System and Method	09/430,117	6665060	Granted	America	29-Oct-1999	16-Dec-2003	Cytyc Corporation
Cytological Imaging System				United States of			Cytyc
and Method	10/726,336		Published	America	01-Dec-2003		Corporation
Cytological Stain Composition Including				United States of			Cytyc Corporation
Verification Characteristic	09/430,196	6661501	Granted	America	29-Oct-1999	09-Dec-2003	Corporation
Apparatus and Methods for							Cytyc
Verifying the Location of							Corporation
Areas of Interest Within a Sample in an Imaging				United States of			
System	09/430,198	7006674	Granted	America	29-Oct-1999	28-Feb-2006	
Apparatus and Methods for	,						Cytyc
Verifying the Location of							Corporation
Areas of Interest Within a Sample in an Imaging				United States of			
System	11/323,940		Published	America	29-Dec-2005		
Detection and Typing of	·						Cytyc
Human Papilloma-Virus	10/000 007	0000110		United States of	04 N 0000	00 4 0005	Corporation
Using PNA Probes Detection and Typing of	10/286,387	6936443	Granted	America	01-Nov-2002	30-Aug-2005	Cytyc
Human Papilloma-Virus				United States of			Corporation
Using PNA Probes	10/323,188		Published	America	18-Dec-2002		, i
Detection and Typing of							Cytyc
Human Papilloma-Virus Using PNA Probes	11/329,834		Published	United States of America	11-Jan-2006		Corporation
Nucleic Acid Extraction	11/020,004		1 0000100	United States of	11 0411 2000		Cytyc
Solution and Use Thereof	10/053,349	6939672	Granted	America	15-Jan-2002	06-Sep-2005	Corporation
Nucleic Acid Extraction	11/105 140		D	United States of	00 1.1.0005		Cytyc
Solution and Use Thereof Cytological Imaging	11/185,148		Pending	America United States of	20-Jul-2005		Corporation Cytyc
Systems And Methods	11/236,407		Published	America	26-Sep-2005		Corporation
Cytological Imaging				United States of			Cytyc
Systems And Methods Cytological Imaging	11/236,220		Published	America United States of	26-Sep-2005		Corporation Cytyc
Systems And Methods	11/861,227		Pending	America	25-Sep-2007		Corporation
Cytological Imaging				United States of			Cytyc
Systems And Methods	11/861,230		Pending	America	25-Sep-2007		Corporation
Cytological Imaging Systems And Methods	11/861,234		Pending	United States of America	25-Sep-2007		Cytyc Corporation
Apparatus and Method for	11/001,204		rending	America	23-06p-2007		Cytyc
Separating Viral Particles				United States of			Corporation
from Cells	10/671,929	7198902	Granted	America	25-Sep-2003	03-Apr-2007	
Apparatus and Method for Separating Viral Particles				United States of			Cytyc
from Cells	11/651,638		Published	America	10-Jan-2007		Corporation
Filter Assembly for			T	United States of			Cytyc
Molecular Testing Methods, Compositions and	11/123,832		Published	America	05-May-2005		Corporation
Apparatuses for Detecting a							Cytyc Corporation
Taget in a Preservative				United States of			'
Solution	10/618,443		Published	America	11-Jul-2003		
Papanicoloau Staining Process	10/404,879	7186522	Granted	United States of America	31-Mar-2003	06-Mar-2007	Cytyc Corporation
Papanicoloau Staining	10/404,079	7 100322	Granted	United States of	01-Wai-2000	00-iviai-2007	Cytyc
Process	11/517,695		Published	America	08-Sep-2006		Corporation
Autmated Molecular Assay							Cytyc
Platform Using Filter Technology	10/672,914		Published	United States of America	25-Sep-2003		Corporation
Platform Apparatus with	10/0/2,314		1 abilation	Amorioa	20 06p-2000		Cytyc
Horizontal Slide Translation				United States of			Corporation
and Method	10/954,796		Published	America	29-Sep-2004		
Apparatus & Method for Storing Slides in an Angular				United States of			Cytyc Corporation
Arrangement	10/675,451	7150375	Granted	America	30-Sep-2003	19-Dec-2006	Joiporation
Locally Storing Biological				United States of			Cytyc
Specimen Data to a Slide	10/656,092	7083106	Granted	America	05-Sep-2003	01-Aug-2006	Corporation
Locally Storing Biological Specimen Data to a Slide	11/423,660		Pending	United States of America	12-Jun-2006		Cytyc Corporation
Specimen Vial Cap Handler	11/423,000		renaily	United States of	12-0011-2000		Cytyc
and Slide Labeler	11/076,352		Published	America	08-Mar-2005		Corporation

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Title Automated Cytological	App. No.	Pat. No.	Status	Country United States of	Filing Date	Issue Date	Owner
Sample Classification	10/676,568		Published	America	30-Sep-2003		Cytyc Corporation
Systems for Organizing	10/070,500		1 dollaried	America	30-бер-2003		Cytyc
Multiple Objects of Interest				United States of			Corporation
in Field of Interest	10/866,397		Published	America	10-Jun-2004		'
Apparatus for Removably							Cytyc
Retaining a Slide Within a				United States of			Corporation
Cassetts & Method	10/459,881		Published	America	12-Jun-2003		
Method & Systems for Classifying Slides Uising							Cytyc
Scatter Plot Distribution							Corporation
(Slide Scoring for ThinPrep				United States of			
Imaging System)	10/794,334		Published	America	05-Mar-2004		
Method of Generating and							Cytyc
Using Biological							Corporation
Qualification Slides to							· '
Qualify Biological				United States of			
Screening Devices	10/866,428		Published	America	10-Jun-2004		
Novel Method for DNA							Cytyc
Amplification Using DNA	10/700 575		Dublished	United States of	00 D 0000		Corporation
Blocking Probes Automated Cytological	10/730,575		Published	America	08-Dec-2003		Cytyc
Sample Classification				United States of			Corporation
(ROM Slide)	10/712,280		Published	America	12-Nov-2003		Corporation
Novel Method for the	10/112,200		1 dollerled	711101104	12 1101 2000		Cytyc
Detection of Cancer							Corporation
BioMarkers in Cervical				United States of			
Specimens	10/738,018		Published	America	17-Dec-2003		
System for Determining the							Cytyc
Stain Quality of Slides							Corporation
Using A Scatter Plot	10/705 010			United States of	05.14		
Distributions	10/795,012		Published	America	05-Mar-2004		0.1
Enhanced Cell Preservative Solution and Methods for							Cytyc Corporation
Using Same				United States of			Corporation
(PreservCyt Solution)	11/256,289		Published	America	21-Oct-2005		
Apparatus & Methods for	117200,200		T dolleriod	Zimonoa	21 001 2000		Cytyc
Scanning & Producing							Corporation
Biological Specimen Film							· '
Strips				United States of			
(New Generation Imager)	10/867,605		Published	America	14-Jun-2004		
D O #	10/010 000	7004504		United States of	100 0001		Cytyc
Parcentric Objective	10/940,063	7224521	Granted	America	13-Sep-2004	29-May-2007	Corporation
Isotropic Illumination	10/956,651		Published	United States of America	01-Oct-2004		Cytyc Corporation
Reduced Aperture	10/950,051		Fublished	America	01-061-2004		Cytyc
Biological Specimen							Corporation
Collection and Transfer							Corporation
Device				United States of			
(UroCyte Filter)	10/971,843		Pending	America	21-Oct-2004		
				United States of			Cytyc
Automated Image Analysis	11/120,437		Published	America	02-May-2005		Corporation
Transformable Slide				1 11-14-1 2011			Cytyc
Storage Apparatus and	10/064 250		Published	United States of	12 Oct 2004		Corporation
Method Urine Cell Sample	10/964,250		Fublished	America	12-Oct-2004	 	Cytyc
Enhancement						1	
]			United States of			
	10/975,160		Published	United States of America	28-Oct-2004		Corporation
(UroCyte) System & Method for	10/975,160		Published		28-Oct-2004		
(UroCyte) System & Method for Calibrating Position of	10/975,160		Published	America	28-Oct-2004		Corporation
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within				America United States of			Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle	10/975,160 10/998,028	7140738	Published Granted	America	28-Oct-2004 24-Nov-2004	28-Nov-2006	Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen		7140738		America United States of America		28-Nov-2006	Corporation Cytyc Corporation
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with	10/998,028	7140738	Granted	America United States of America United States of	24-Nov-2004	28-Nov-2006	Corporation Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access		7140738		United States of America United States of America		28-Nov-2006	Cytyc Corporation Cytyc Corporation Cytyc Corporation
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for	10/998,028	7140738	Granted Published	United States of America United States of America United States of America United States of	24-Nov-2004 23-Feb-2005	28-Nov-2006	Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology	10/998,028	7140738	Granted	United States of America United States of America	24-Nov-2004	28-Nov-2006	Cytyc Corporation Cytyc Cytyc Corporation Cytyc Corporation Cytyc Corporation
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for	10/998,028	7140738	Granted Published	United States of America United States of America United States of America United States of	24-Nov-2004 23-Feb-2005	28-Nov-2006	Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module,	10/998,028	7140738	Granted Published	United States of America United States of America United States of America United States of America	24-Nov-2004 23-Feb-2005	28-Nov-2006	Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide	10/998,028 11/065,375 11/020735	7140738	Granted Published Published	United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004	28-Nov-2006	Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide Presentation Module	10/998,028 11/065,375 11/020735	7140738	Granted Published Published	United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004	28-Nov-2006	Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide Presentation Module Slide Tray Slide Misload Detection	10/998,028 11/065,375 11/020735 10/998029 11/050,547	7140738	Granted Published Published Published Published	United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004 24-Nov-2004 02-Feb-2005	28-Nov-2006	Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide Presentation Module Slide Tray Slide Misload Detection System & Method	10/998,028 11/065,375 11/020735 10/998029	7140738	Granted Published Published Published	America United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004 24-Nov-2004	28-Nov-2006	Cytyc Corporation
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide Presentation Module Slide Tray Slide Misload Detection System & Method Configurable Cytologial	10/998,028 11/065,375 11/020735 10/998029 11/050,547 11/040,958	7140738	Granted Published Published Published Allowed	United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004 24-Nov-2004 02-Feb-2005 21-Jan-2005	28-Nov-2006	Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide Presentation Module Slide Tray Slide Misload Detection System & Method Configurable Cytologial Imaging System	10/998,028 11/065,375 11/020735 10/998029 11/050,547	7140738	Granted Published Published Published Published	America United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004 24-Nov-2004 02-Feb-2005	28-Nov-2006	Cytyc Corporation
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide Presentation Module Slide Tray Slide Misload Detection System & Method Configurable Cytologial Imaging System Systems & Methods for	10/998,028 11/065,375 11/020735 10/998029 11/050,547 11/040,958	7140738	Granted Published Published Published Allowed	America United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004 24-Nov-2004 02-Feb-2005 21-Jan-2005	28-Nov-2006	Cytyc Corporation Cytyc
(UroCyte) System & Method for Calibrating Position of Microscope Slide Within Storage Receptacle Biologial Specimen Container Cap with Actuated Access Stain Characteization for Automated Cytology Vial Presentation Module, Slide Dispenser and Slide Presentation Module Slide Tray Slide Misload Detection System & Method Configurable Cytologial Imaging System	10/998,028 11/065,375 11/020735 10/998029 11/050,547 11/040,958	7140738	Granted Published Published Published Allowed	United States of America	24-Nov-2004 23-Feb-2005 22-Dec-2004 24-Nov-2004 02-Feb-2005 21-Jan-2005	28-Nov-2006	Cytyc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
				United States of			Cytyc
Fluid Level Regulator	11/292,840		Published	America	01-Dec-2005		Corporation
Filter Contamination				United States of	0.00000		Cytyc
	11/000 045		All		04 D 0005		
Control Device	11/292,845		Allowed	America	01-Dec-2005		Corporation
Ambient Pressure Monitor							Cytyc
and Method of Preparing				United States of			Corporation
Biological Specimens	11/267,529		Published	America	03-Nov-2005		'
Quantatative Use of Tracer	111201,020		1 00	United States of	00 1101 2000		Cytyc
	44/004 700		L D 1 1 1 1		04 5 0005		
Cells	11/291,723		Published	America	01-Dec-2005		Corporation
				United States of			Cytyc
Microscope Control Device	11/298,953		Published	America	09-Dec-2005		Corporation
Biological Specimen	111200,000		1 00.001.00	7111101100	00 200 2000		Cytyc
				1			
Collection & Transfer				United States of			Corporation
Device & Method of Use	11/298,952		Published	America	09-Dec-2005		
Method & Apparatus for							Cytyc
Obtaining Aliquot from							Corporation
				111-14-1 04-4			Corporation
Liquid-Based Cytological				United States of	1		
Sample	11/299,394		Published	America	12-Dec-2005		
Method & Apparatus for							Cytyc
Obtaining Aliquot from							Corporation
Liquid-Based Cytological				United States of			Corporation
			l <u></u>	l .			
Sample	11/530,300		Published	America	08-Sep-2006		
Systems Methods and Kits							Cytyc
for Preparing Specimen				United States of	1		Corporation
Slides	11/610 160		Published		10 Dog 2006		Jorporation
Silues	11/613,169		rublistied	America	19-Dec-2006		1
				United States of			Cytyc
Light Curing Fixative	11/297,701		Published	America	08-Dec-2005		Corporation
5 5	-,			United States of	1		Cvtvc
Call Callaction	11/705 040		Alloward		20 Mar 2007		
Cell Collection	11/725,846		Allowed	America	20-Mar-2007		Corporation
Cross-Frame Object							Cytyc
Reconstruction for Image							Corporation
Based Cytology				United States of			
	11/000 046		Dublished		00 0 0005		
Applications	11/299,046		Published	America	09-Dec-2005		
Methods and Materials for				United States of			Cytyc
Fixing Cytological Samples	11/538,905		Published	America	05-Oct-2006		Corporation
Microscope with LED	, , , , , , , , , , , , , , , , , , , ,			United States of			Cytyc
	11/010 005		Doubling and		00 0 0005		
Illumination Source	11/313,365		Published	America	20-Dec-2005		Corporation
Scalable Architecture for							Cytyc
Maximinzing Slide				United States of			Corporation
Throughput	11/617,112		Published	America	28-Dec-2006		
	11/01/,112		1 dollariod	America	20 000 2000		-
Vials and Apparatus for							
Obtaining an Aliquot of a				United States of			Cytyc
Sample	11/563,639		Pending	America	27-Nov-2006		Corporation
Automated Imaging System			1	United States of			Cytyc
	44/554 400		D		00 0-4 0000		
with Slide Marking	11/554,493		Pending	America	30-Oct-2006		Corporation
Snap-Off Specimen				United States of			Cytyc
Collection Device	11/467,068		Pending	America	24-Aug-2006		Corporation
Method for Improving the	117-107,000		1 oriding	Timerica	Z+ Mag 2000		Corporation
ivietnod for improving the				1			1
Shelf-Life of Hematoxylin				United States of			Cytyc
Staining Solutions	60/874,407		Pending	America	12-Dec-2006	1	Corporation
Improved Cell Block	· ·			United States of			Cytyc
	11/551 600		Panding	America	20-004 2006		Corporation
Casette Device	11/551,623		Pending		20-Oct-2006		
Mini Tray for Slide				United States of	1		Cytyc
Processing	11/424,611		Pending	America	16-Jun-2006	<u> </u>	Corporation
			I	United States of	1		Cytyc
Tray for Slide Processing	11/459,306		Pending	America	21-Jul-2006	1	Corporation
	11/405,300		I cruing		Z1-001-2000		
Filter for Automated Slide			I	United States of	1		Cytyc
Prepartion System	11/550,688		Pending	America	18-Oct-2006		Corporation
Method for Assessing				United States of			Cytyc
Image Focus Quality	11/609,274		Pending	America	11-Dec-2006		Corporation
	11/003,214		renaily		11-060-2000		
Ultrasonic Mixing of				United States of	1		Cytyc
Biological Sample	11/456,180		Pending	America	07-Jul-2006		Corporation
Illumination Source for				United States of			Cytyc
Stained Biological Samples	11/611,123		Pending	America	14-Dec-2006	1	Corporation
	11/011,120		i chang		17-200-2000		
Post Processing Slide				United States of	1		Cytyc
Printer and Methods of Use	11/609,807		Pending	America	12-Dec-2006		Corporation
Cell Block Apparatus - Beta	· ·			United States of			Cytyc
	60/863,941		Panding		01-Nov 2006		
Unit	00/003,941		Pending	America	01-Nov-2006		Corporation
Cell Block Apparatus - Beta				United States of	1		Cytyc
Unit	11/839,531		Pending	America	15-Aug-2007		Corporation
Cell Block Apparatus - Beta			1	United States of	1		Cytyc
	11/000 500		L D "		4E A CCC-		
Unit	11/839,533		Pending	America	15-Aug-2007		Corporation
Method and System for							
Collecting Cells of a				United States of	1		Cytyc
Biological Specmen	11/610,395		Pending	America	13-Dec-2006		Corporation
Diological Opecifieri	11/010,000		renaily		10-000-2000		
Cytological Filter With Data	I I		l	United States of	1	1	Cytyc
Storage	11/613,171		Pending	America	19-Dec-2006		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		Cytyc Corporation
System for Heating and	11/010,100		T Griding	711101100	10 200 2000		- Corporation
Fusing Cell Block	00/000 011		D	United States of	10 D 0000		Cytyc
Components System for Heating and	60/869,811		Pending	America	13-Dec-2006		Corporation
Fusing Cell Block				United States of			Cytyc
Components	60/869,815		Pending	America	13-Dec-2006		Corporation
System (and Method) for Indirect Heating & Fusing							
Toegether Cell Block				United States of			Cytyc
Components	60/870,063		Pending	America	14-Dec-2006		Corporation
System (and Method) for Indirect Heating & Fusing							
Toegether Cell Block				United States of			Cytyc
Components	60/870,067		Pending	America	14-Dec-2006		Corporation
Robotic Slide Orientation Detection & Correction				United States of			Cytyc
Detection & Correction Device	60/870,911		Pending	America	20-Dec-2006		Corporation
Improve Performance for	,,,,,,,			United States of			Cytyc
ThinPrep Imaging System	60/870,838		Pending	America	19-Dec-2006		Corporation
Simultaneous Imaging of Multiple Specimen Slides				United States of			Cytyc
on a Single Slide Stage	11/613,173		Pending	America	19-Dec-2006		Corporation
Methof Analyzing Blood				11.11.16			
Content of Cytlogical Specimens	60/870,840		Pending	United States of America	19-Dec-2006		Cytyc Corporation
Methof Analyzing Blood	00/07 0,040		1 Griding	Amorioa	10 060-2000		Sorporation
Content of Cytlogical	00/075 5 //			United States of	40.5		Cytyc
Specimens Improved Method for	60/870,841		Pending	America	19-Dec-2006		Corporation
Locating & Focusing on				United States of			Cytyc
Fiducial Marks	60/871,131		Pending	America	20-Dec-2006		Corporation
Methods and Systems for Processing Biological							
Specimens Utilizing				United States of			Cytyc
Multiple Wavelengths	60/976,361		Pending	America	28-Sep-2007		Corporation
Methods and Systems for							
Processing Biological Specimens Utilizing				United States of			Cytyc
Multiple Wavelengths	11/864,744		Pending	America	28-Sep-2007		Corporation
Microfluidic Apparatus for							
Manipulating Imaging & Analyzing Cells of a				United States of			Cytyc
Cytological Specimen	60/975,070		Pending	America	25-Sep-2007		Corporation
Methods and Devices for Localizations of Lesions in				Linited Otata - of			Cytyc Corporation
Solid Tissue	09/287.087	6336904	Granted	United States of America	06-Apr-1999	08-Jan-2002	Corporation
Cover and Applicator for a	00.201,001				337,017,000	00 0000	Cytyc
Portion of a Mammalian	11(001 700			United States of	04 5 0005		Corporation
Body Methods and Devices for	11/291,728		Published	America	01-Dec-2005		Cytyc
Delivery of Agents to Breast				United States of			Corporation
Milk Ducts	09/313,463	6638727	Granted	America	17-May-1999	28-Oct-2003	0.4
Methods and Devices for Delivery of Agents to Breast				United States of			Cytyc Corporation
Milk Ducts	10/608,225		Published	America	30-Jun-2003		·
Methods and Systems for	00/207 750	6201000	Cront	United States of	16.5 = 1000	01 May: 0000	Cytyc
Treating Breast Tissue Methods and Systems for	09/397,753	6391026	Granted	America United States of	16-Sep-1999	21-May-2002	Corporation Cytyc
Treating Breast Tissue	10/144,853	6712816	Granted	America	15-May-2002	30-Mar-2004	Corporation
Devices and Methods to				United Ot-t			Cytyc
Identify Ductal Orifices During Nipple Aspiration	09/438,219	6328709	Granted	United States of America	12-Nov-1999	11-Dec-2001	Corporation
Methods for Identification,	22. 100,210	-520.00			12.15. 1000		
Diagnosis and Treatment of	11/705 077		D!	United States of	10 5-1 000-		Cytyc
Breast Cancer Ductal Orifice Identification	11/705,277		Pending	America United States of	12-Feb-2007		Corporation Cytyc
by Electrical Impedance	09/482,145	6314315	Granted	America	12-Jan-2000	06-Nov-2001	Corporation
Identifying, Monitoring and				11.71.161.1			Cytyc
Treating Women for Breast Cancer	09/502,404	6642010	Granted	United States of America	10-Feb-2000	04-Nov-2003	Corporation
Identifying, Monitoring and	33,302,404	55-12010	S.amou	75.104	10.002000	5	
Treating Women for Breast	10/02= = :=			United States of	, , , , , , , , , , , , , , , , , , ,		Cytyc
Cancer Identifying, Monitoring and	10/637,545		Published	America	11-Aug-2003		Corporation
Treating Women for Breast				United States of			Cytyc
Cancer	11/713,495		Published	America	02-Mar-2007		Corporation

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Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Methods and Devices for				United States of			Curtura
Delivery of Agents to Breast	10/701 701		Allowed		25 Nov. 2002		Cytyc
Milk Ducts Methods for Identification,	10/721,701		Allowed	America	25-Nov-2003		Corporation
Diagnosis and Treatment of				United States of			Curtura
3	10/050 000		Danding	United States of America	01-Jun-2004		Cytyc
Breast Cancer	10/858,086		Pending	America	01-Jun-2004		Corporation
Devices, Methods, and							
Systems for Collecting				1			
Materials From a Breast	00/470 540	0.44.0000		United States of	00 0 4000		Cytyc
Duct	09/473,510	6413228	Granted	America	28-Dec-1999	02-Jul-2002	Corporation
Devices, Methods, and							
Systems for Collecting				1			
Materials From a Breast				United States of			Cytyc
Duct	09/907,931		Published	America	19-Jul-2001		Corporation
Devices, Methods, and							
Systems for Collecting							
Materials From a Breast				United States of			Cytyc
Duct	11/880,811		Pending	America	24-Jul-2007		Corporation
Gel Composition for Filling							
a Breast Milk Duct Prior to							
Surgical Excision of the				United States of			Cytyc
Duct or Other Breast Tissue	09/590,517	6589998	Granted	America	09-Jun-2000	08-Jul-2003	Corporation
Gel Composition for Filling					1	1	
a Breast Milk Duct Prior to							1
Surgical Excision of the				United States of			Cytyc
Duct or Other Breast Tissue	11/725,928		Published	America	20-Mar-2007		Corporation
Methodo for Differentiating	11/125,820		Fublished	America	20-IVIAI-2007		Corporation
Methods for Differentiating				United Ct-t			Cutura
Breast Ducts for Cancer	00/050 145	6600000	Cront-d	United States of	10 Mai: 0004	07.004.0000	Cytyc
Risk Status	09/852,145	6629936	Granted	America	10-May-2001	07-Oct-2003	Corporation
Intraductal Treatment				1			1
Targeting Methylated			1	United States of	I		Cytyc
Promoters in Breast Cancer	11/203,800		Published	America	15-Aug-2005		Corporation
Isolated Ductal Fluid				United States of			Cytyc
Sample	09/800,970	6642009	Granted	America	08-Mar-2001	04-Nov-2003	Corporation
Isolated Ductal Fluid				United States of			Cytyc
Sample	11/605,758		Published	America	29-Nov-2006		Corporation
Preparation for Breast Fluid				United States of			Cytyc
Collection	10/775,366		Published	America	10-Feb-2004		Corporation
Cytological Evaluation of	,						
Breast Duct Epithelial Cells				United States of			Cytyc
Retrieved by Ductal Lavage	09/916,647	6673024	Granted	America	30-Jul-2001	06-Jan-2004	Corporation
Cytological Evaluation of	00.010,01.	00,002	- CHAINGO	7	0000.200.	00 0411 2001	30.50.4
Breast Duct Epithelial Cells				United States of			Cytyc
Retrieved by Ductal Lavage	10/716,704		Pending	America	20-Nov-2003		Corporation
Identification of Viral Agents	10//10,704		1 ending	America	20-1404-2003		Corporation
in Breast Ducts and				United States of			Cudura
	00/000 701	71,00000	0		00 4 0001	07 Nov. 0000	Cytyc
Antiviral Therapy Therefore	09/923,791	7132232	Granted	America	08-Aug-2001	07-Nov-2006	Corporation
Identification of Viral Agents				1			l
in Breast Ducts and	44//00/07		1	United States of	05 1 1 5 5 5 5		Cytyc
Antiviral Therapy Therefore	11/492,392		Published	America	25-Jul-2006		Corporation
Externally Positioned			l	United States of	I		Cytyc
Medical Dilator	11/154,170		Published	America	16-Jun-2005		Corporation
Increasing Retrievable Fluid				United States of			Cytyc
From a Breast Duct	09/827,371		Published	America	06-Apr-2001		Corporation
Increasing Retrievable Fluid				United States of			Cytyc
From a Breast Duct	10/825,752		Published	America	16-Apr-2004		Corporation
Devices, Methods, and	-,						
Systems for Collecting							1
Materials From a Breast				United States of			Cytyc
Duct	10/109,046	6689070	Granted	America	29-Mar-2002	10-Feb-2004	Corporation
Devices, Methods, and	10/100,040	0000070	Granico	7 intonou	20 19101 2002	101002004	Jorporation
Systems for Collecting							1
Materials From a Breast				United States of			Cytyc
	10/762 079		Ponding	l l	22-Jan-2004		
Duct	10/762,978		Pending	America	22-Jan-2004	-	Corporation
Apparatus, Methods and							1
Kits for Simultaneous				Limited Colors			Codes
Delivery of a Substance to	00/500 177	0000705	1 0	United States of	00 5-1 0000	04 1 2225	Cytyc
Multiple Breast Milk Ducts	09/506,477	6398765	Granted	America	29-Feb-2000	04-Jun-2002	Corporation
Apparatus, Methods and							[
Kits for Simultaneous				1			I _
Delivery of a Substance to				United States of			Cytyc
Multiple Breast Milk Ducts	10/072,911	6585706	Granted	America	12-Feb-2002	01-Jul-2003	Corporation
Apparatus, Methods and							
Kits for Simultaneous							1
Delivery of a Substance to				United States of			Cytyc
Multiple Breast Milk Ducts	10/607,142	7029462	Granted	America	27-Jun-2003	18-Apr-2006	Corporation
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Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Apparatus, Methods and Kits for Simultaneous							
Delivery of a Substance to	44/000 000	7004000		United States of	11.5	47.4 0007	Cytyc
Multiple Breast Milk Ducts Identifying Material From a	11/302,929	7204829	Granted	America United States of	14-Dec-2005	17-Apr-2007	Corporation Cytyc
Breast Duct	09/625,399	6610484	Granted	America	26-Jul-2000	26-Aug-2003	Corporation
Identifying Material From a Breast Duct	10/622,743		Published	United States of America	21-Jul-2003		Cytyc Corporation
Medical Instrument for	10.022,110		1 0000000	- Tunionia	2. 56. 2555		o o portunor.
Accessing a Breast Duct for Performing a Medical							
Procedure and Methods			1	United States of			Cytyc
Thereof Medical Instrument for	10/746,128	7229420	Granted	America	23-Dec-2003	12-Jun-2007	Corporation
Accessing a Breast Duct for							
Performing a Medical Procedure and Methods				United States of			Cytyc
Thereof	11/504,995		Published	America	16-Aug-2006		Corporation
Ductal lavage Catheter Having an Off Axis Tip	10/746,950		Published	United States of America	23-Dec-2003		Cytyc Corporation
·	·			United States of			Cytyc
Ductal Lavage Catheter Intraductal Management of	10/746,940		Published	America	23-Dec-2003		Corporation
Breast Lesions Involving							
Therapeutic or Diagnostic Agents	10/391,525		Published	United States of America	19-Mar-2003		Cytyc Corporation
Method and Diagnosis of	,						·
Treatment of Breast Lesions	10/388,764		Published	United States of America	17-Mar-2003		Cytyc Corporation
Method and Apparatus for	·			United States of			Cytyc
Analyzing Mammary Gland A Method of Opening A	10/391,527		Published	America	19-Mar-2003		Corporation
Ductal Sphincter Using	10710101	7105001		United States of	00.0		Cytyc
Controlled Fluid Pressure Ductal Lavage	10/746,121	7195601	Granted	America	23-Dec-2003	27-Mar-2007	Corporation
MicroCatheter with User				Linited Otata - of			0.4
Activated Valve and Nitinol Introducer	10/746,117	7276047	Granted	United States of America	23-Dec-2003	02-Oct-2007	Cytyc Corporation
Ductal Lavage	·						
MicroCatheter with User Activated Valve and Nitinol				United States of			Cytyc
Introducer	11/415,029		Published	America	01-May-2006		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		Cytyc Corporation
Method of Using a	11/297,530		Fublished	America	08-Dec-2005		Corporation
Multimodality Probe with Extendable Bipolar				United States of			Cytyc Surgical
Electrodes	08/197,357	5401272	Granted	America	16-Feb-1994	28-Mar-1995	Products
Method of Using a Multimodality Probe with							Cytyc
Extendable Bipolar				United States of			Surgical
Electrodes A Radio-Frequency	08/302,550	5441498	Granted	America	08-Sep-1994	15-Aug-1995	Products Cytyc
Generator for Powering an				United States of			Surgical
Ablation Device A Radio-Frequency	09/306,480	6508815	Granted	America	06-May-1999	21-Jan-2003	Products Cytyc
Generator for Powering an				United States of			Surgical
Ablation Device A Radio-Frequency	10/328,447	7074217	Granted	America	23-Dec-2002	11-Jul-2006	Products Cytyc
Generator for Powering an				United States of			Surgical
Ablation Device A Radio-Frequency	11/211,016		Published	America	24-Aug-2005		Products Cytyc
Generator for Powering an				United States of			Surgical
Ablation Device Moisture Transport System	11/175,128		Published	America	05-Jul-2005		Products Cytyc
for Contact	00/677			United States of	40.		Surgical
Electrocoagulation Moisture Transport System	08/632,516	5769880	Granted	America	12-Apr-1996	23-Jun-1998	Products
for Contact				United States of			Cytyc
Electrocoagulation Moisture Transport System	90/005435		Pending	America	27-Jul-1999		Corporation
for Contact				United States of			Cytyc
Electrocoagulation Moisture Transport System	90/005,886		Pending	America	22-Nov-2000		Corporation Cytyc
for Contact				United States of			Surgical
Electrocoagulation	09/103,072	6813520	Granted	America	23-Jun-1998	02-Nov-2004	Products

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Moisture Transport System				<u> </u>			Cytyc
for Contact Electrocoagulation	10/959,771		Published	United States of America	06-Oct-2004		Surgical Products
Moisture Transport System	10/000,771		1 dollariod	Timonoa	00 000 2004		Cytyc
for Contact	44,400,005			United States of			Surgical
Electrocoagulation	11/196,025		Published	America	03-Aug-2005		Products Cytyc
Apparatus and Method for				United States of			Surgical
Treating Venous Reflux	10/052,157	6712815	Granted	America	16-Jan-2002	30-Mar-2004	Products
Apparatus and Method for				United States of			Cytyc
Treating Venous Reflux	10/676,619	7087052	Granted	America	01-Oct-2003	08-Aug-2006	Surgical Products
Trouming Torridor Homes				T IIII O II O		10 1109 2000	Cytyc
Apparatus and Method for			1	United States of	1		Surgical
Treating Venous Reflux Method and Apparatus for	10/751,592		Allowed	America	05-Jan-2004		Products Cytyc
Detecting Perforations in a				United States of			Surgical
Body Tissue	09/710,102	6554780	Granted	America	10-Nov-2000	29-Apr-2003	Products
Method and Apparatus for				United States of			Cytyc
Detecting Perforations in a Body Tissue	10/400,823	6743184	Granted	United States of America	27-Mar-2003	01-Jun-2004	Surgical Products
Method and Apparatus for	10.100,020	0	5.14.11.05	T IIII G		0.00200	Cytyc
Detecting Perforations in a				United States of			Surgical
Body Tissue Method and Apparatus for	10/852,648	6872183	Granted	America	24-May-2004	29-Mar-2005	Products Cytyc
Detecting Perforations in a				United States of		1	Surgical
Body Tissue	11/056,998	7063670	Granted	America	11-Feb-2005	20-Jun-2006	Products
Harrantetia Davian	11/110.050		Durblished	United States of	00 4 0005		Cytyc
Hemostatis Device	11/118,653		Published	America	28-Apr-2005		Corporation Cytyc
Flat-Bed Knitting Machine				United States of			Surgical
and Method of Knitting	09/503,317	6158250	Granted	America	14-Feb-2000	12-Dec-2000	Products
Apparatuses and Methods for Intersitial Tissue				United States of			Cuturo
Removal	09/249,208	6296639	Granted	America	12-Feb-1999	02-Oct-2001	Cytyc Corporation
Apparatuses and Methods							
for Intersitial Tissue	20/202504			United States of			Cytyc
Removal Apparatuses and Methods	09/930,531	6663626	Granted	America	14-Aug-2001	16-Dec-2003	Corporation
for Intersitial Tissue				United States of			Cytyc
Removal	10/635,691	7192430	Granted	America	05-Aug-2003	20-Mar-2007	Corporation
Apparatuses and Methods for Intersitial Tissue				United States of			Cytyc
Removal	11/687,599		Pending	America	16-Mar-2007		Corporation
	,			United States of			Cytyc
Uterine Sound	11/019,500		Published	America	20-Dec-2004		Corporation
Method and System for Transcervical Tubal				United States of			Cytyc
Occlusion	11/019,580		Published	America	20-Dec-2004		Corporation
							Cytyc
Method and System for Drug Delivery	11/735,921		Published	United States of America	16-Apr-2007		Surgical Products
Brag Benvery	11/755,921		1 dollaried	United States of	10-Apr-2007		Cytyc
Internal Biopsy Marking	11/394,146		Published	America	29-Mar-2006		Corporation
Tumescent Skin Spacing	11/500.075		Dublish	United States of	00 4112 0000		Cytyc
Method Cervical Clamp Apparatus	11/500,675		Published	America	08-Aug-2006	 	Corporation
& Method of Exerting a						1	
Comprehensive Force to a	11/010 100		Duku-t-	United States of	00 0 0005	1	Cytyc
Cervix Method and Apparatus for	11/313,439		Published	America	20-Dec-2005	 	Corporation
Uterine Cavity Length				United States of		1	Cytyc
Measurement	11/314,051		Published	America	20-Dec-2005		Corporation
Cervical Seal Apparatus & Method of Sealing a Cervix	11/212 446		Published	United States of America	20-Dec-2005	1	Cytyc Corporation
Uterine Cavity Length	11/313,446		i ablistied	United States of	20-060-2003	1	Corporation
Measurement	11/313,444		Published	America	20-Dec-2005		Corporation
Power Ramping During RF				11-3-4 01 1			Cytyc
Ablation (Nato - Sierra- Russ)	11/532,889		Pending	United States of America	18-Sep-2006		Surgical Products
1.4440 Ciona-Hussi	11/002,000		1 Griding	Amonoa	10 00p-2000	<u> </u>	Cytyc
Treatment of Metastatic				United States of	1		Surgical
Lesions Medical Davise Apparetus	60/870,537		Pending	America	18-Dec-2006	-	Products
Medical Device Apparatus for User with a Curved							Cytyc
Endoscope				United States of			Surgical
(Nato - Sierra- Russ)	11/532,886		Pending	America	18-Sep-2006	<u> </u>	Products

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Method & Apparatus for							Cytyc
Verifying Occlusion of				United States of			Surgical
Fallopian Tubes	60/869,692		Pending	America	12-Dec-2006		Products
Method & Apparatus for	00.000,000		1		122222		Cytyc
Verifying Occlusion of				United States of			Surgical
Fallopian Tubes	60/869,704		Pending	America	12-Dec-2006		Products
An Improved Method for	00/009,704		1 ending	America	12-060-2000		
				1			Cytyc
Female Sterilization Based			1	United States of			Surgical
on Tubal Occlusion	11/614,900		Pending	America	21-Dec-2006		Products
				United States of			Cytyc
Tumor Treatment	07/715,923	5429582	Granted	America	14-Jun-1991	04-Jul-1995	Corporation
				United States of			Cytyc
Tumor Treatment	08/307,165	5611767	Granted	America	16-Sep-1994	19-Mar-1997	Corporation
	,			United States of			Cytyc
Tumor Treatment	09/158,682	6083148	Granted	America	22-Sep-1998	04-Jul-2000	Corporation
Tamor Trodunom	00/100,002	0000110	Grantos	United States of	- 22 cop 1000	010012000	Cytyc
Tumor Tractment	00/010 066	6000000	Grantad	America	14 Mar 1007	00 Eab 2000	Corporation
Tumor Treatment	08/818,966	6022308	Granted		14-Mar-1997	08-Feb-2000	
Inflatable Devices for			1	United States of	I	l	Cytyc
Tumor Treatment	08/727,259	5931774	Granted	America	07-Oct-1996	03-Aug-1999	Corporation
Catheter with Permeable			1	United States of	1		Cytyc
Hydrogel Membrane	09/275,910	6200257	Granted	America	24-Mar-1999	13-Mar-2001	Corporation
Catheter with Permeable				United States of			Cytyc
Hydrogel Membrane	09/724,121	6537194	Granted	America	28-Nov-2000	25-Mar-2003	Corporation
Interstitial Brachytherapy	,		1	† ·	1		
Apparatus and Method for					1		
the Treatment of					1		
Proliferative Tissue				United States of	1		Cytyc
	00/202 504	6413204	Grantad	America	15 Apr 1000	02 101 2000	
Diseases	09/293,524	0413204	Granted	America	15-Apr-1999	02-Jul-2002	Corporation
Asymmetric Radiation				1	1		1
Dosing Apparatus and				United States of			Cytyc
Method	09/464,272	6482142	Granted	America	16-Dec-1999	19-Nov-2002	Corporation
Double-Wall Balloon							
Catheter for Treatment of				United States of			Cytyc
Proliferative Tissue	08/900,021	5913813	Granted	America	24-Jul-1997	22-Jun-1999	Corporation
				United States of			Cytyc
Hazardous Fluid Infuser	09/369,903	6238374	Granted	America	06-Aug-1999	29-May-2001	Corporation
Transact Tale Image	00/000,000	0200071	Granica	United States of	007100	Lo may Loon	Cytyc
Hazardous Fluid Infuser	09/761,790	6589158	Granted	America	17-Jan-2001	08-Jul-2003	Corporation
Tissue Positioning	03/701,730	0309130	Granted	America	17-5411-2001	00-001-2000	Corporation
Apparatus and Method for				11-14-4 04-4			0.4
Protecting Tissue During			1	United States of	1	l	Cytyc
Radiotherapy	09/882,506	6673006	Granted	America	15-Jun-2001	06-Jan-2004	Corporation
Tissue Positioning							
Apparatus and Method for							
Protecting Tissue During				United States of			Cytyc
Radiotherapy	10/750,921		Published	America	31-Dec-2003		Corporation
Treatment of Spinal				United States of			Cytyc
Metastases	10/269,555	6695760	Granted	America	11-Oct-2002	24-Feb-2004	Corporation
Treatment of Spinal				United States of	1		Cytyc
Metastases	10/784,083	6976949	Granted	America	20-Feb-2004	20-Dec-2005	Corporation
Treatment of Spinal	10/104,000	0070040	Granted	United States of	20100-2004	20 000-2000	Cytyc
·	11/000.040		Dublished	1	07.004.0005		
Metastases	11/260,643		Published	America	27-Oct-2005		Corporation
System and Method for the				1	1		l
Treatment of Spinal	[1 -	United States of	1		Cytyc
Metastases	10/365,977	6749555	Granted	America	13-Feb-2003	15-Jun-2004	Corporation
System and Method for the							
Treatment of Spinal				United States of	1		Cytyc
Metastases	10/867,062		Published	America	14-Jun-2004		Corporation
Brachytherapy Apparatus	·						·
and Method for Treating a	i l			1	1		
	l l			i		i .	i
Larget Tissue Through an							
Target Tissue Through an External Surface of the				United States of			Cytyc
External Surface of the	10/704 344		Pending	United States of	07-Nov-2003		Cytyc Corporation
External Surface of the Tissue	10/704,344		Pending	America	07-Nov-2003		Corporation
External Surface of the Tissue Drug Eluting Brachytherapy				America United States of			Corporation Cytyc
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus	10/704,344 10/714,586		Pending Pending	America	07-Nov-2003 14-Nov-2003		Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems				America United States of America			Corporation Cytyc Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with	10/714,586		Pending	America United States of America United States of	14-Nov-2003		Corporation Cytyc Corporation Cytyc
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy				America United States of America			Corporation Cytyc Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable	10/714,586		Pending	America United States of America United States of	14-Nov-2003		Corporation Cytyc Corporation Cytyc
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable Radiotherapy/Brachytherap	10/714,586		Pending	America United States of America United States of America	14-Nov-2003		Corporation Cytyc Corporation Cytyc Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable	10/714,586		Pending	America United States of America United States of	14-Nov-2003		Corporation Cytyc Corporation Cytyc
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable Radiotherapy/Brachytherap	10/714,586		Pending	America United States of America United States of America	14-Nov-2003		Corporation Cytyc Corporation Cytyc Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable Radiotherapy/Brachytherap y Radiation Detection Apparatus and Method	10/714,586		Pending Published	America United States of America United States of America United States of America	14-Nov-2003 07-Nov-2003		Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable Radiotherapy/Brachytherap y Radiation Detection Apparatus and Method Brachytherapy Method and	10/714,586		Pending Published	America United States of America United States of America United States of America	14-Nov-2003 07-Nov-2003		Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable Radiotherapy/Brachytherap y Radiation Detection Apparatus and Method Brachytherapy Method and Apparatus for Treatment of	10/714,586		Pending Published	America United States of America United States of America United States of America United States of America	14-Nov-2003 07-Nov-2003		Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation
External Surface of the Tissue Drug Eluting Brachytherapy Methods and Apparatus Tissue Positioning Systems and Methods for Use with Radiation Therapy Implantable Radiotherapy/Brachytherap y Radiation Detection Apparatus and Method Brachytherapy Method and	10/714,586		Pending Published	America United States of America United States of America United States of America	14-Nov-2003 07-Nov-2003		Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Tissue Positioning Apparatus and Method for							
Protecting Tissue During			1	United States of			Cytyc
Radiothereapy A Graduated Intraluminal	10/897,382		Published	America	22-Jul-2004		Corporation
Catheter and Methods of				United States of			Cytyc
Use Thereof Urethral Radiation	09/639,510	6607477	Granted	America	16-Aug-2000	19-Aug-2003	Corporation
Treatment System and				United States of			Cytyc
Method	11/152,824		Pending	America	14-Jun-2005		Corporation
Movable Anchoring Catheter	11/215,707		Published	United States of America	30-Aug-2005		Cytyc Corporation
Safety-Link Brachytherapy				United States of			Cytyc
Catheter Endorectal Balloon	11/215,764		Pending	America United States of	30-Aug-2005		Corporation Cytyc
Catheter	60/876,366		Pending	America	21-Dec-2006		Corporation
Slide Guide Apparatus & Methods for Use	11/866,483		Pending	United States of America	03-Oct-2007		Cytyc Corporation
Asymmetric Radiation	117000,400		rending	America	03-061-2007		Corporation
Dosing for Devices and Methods	60/070 670		Danding	United States of America	10 Dec 2006		Cytyc
System and Methods for	60/870,670		Pending	America	19-Dec-2006		Corporation
Drug Infusion with	00/70 070		D "	United States of	10.0		Cytyc
Feedback Control Laser Balloon Treatment of	60/70,676		Pending	America United States of	19-Dec-2006		Corporation Cytyc
Strictures	60/870,681		Pending	America	19-Dec-2006		Corporation
Brachytherapy Device and Method	60/870,690		Pending	United States of America	19-Dec-2006		Cytyc Corporation
Bioabsorbably Target	30/07 0,030		renaing	Amonoa	10 000-2000		Jorporation
Tissue Fixator/Locator for				United States of			Cutuo
Image Guided Radio therapy (IGRT)	60/875,776		Pending	United States of America	19-Dec-2006		Cytyc Corporation
Fluid Radiation Shield for	·			United States of			Cytyc
Brachytherapy A Method for Improved	11/895,559		Pending	America United States of	24-Aug-2007		Corporation Cytyc
Image Segmentation	11/328,354		Published	America	09-Jan-2006		Corporation
Transuterine Sterilization Apparatus & Method	08/447,882	5095917	Granted	United States of America	19-Jan-1990	17-Mar-1992	Cytyc Corporation
Method & Apparatus for	·	3033317	Granica	United States of	13 0411 1330	17 10101 1332	Cytyc
Tubal Occlusion	09/063,119	5954715	Granted	America	20-Apr-1998	21-Sep-1999	Corporation
Method & Apparatus for Tubal Occlusion	09/372,394	6068626	Granted	United States of America	10-Aug-1999	30-May-2000	Cytyc Corporation
Method & Apparatus for	00/570 070	00.10100		United States of		40.5.4.0000	Cytyc
Tubal Occlusion Method & Apparatus for	09/579,976	6346102	Granted	America United States of	26-May-2000	12-Feb-2002	Corporation Cytyc
Tubal Occlusion	10/075,854	6726682	Granted	America	12-Feb-2002	27-Apr-2004	Corporation
Method & Apparatus for Tubal Occlusion	10/832,909	7220259	Granted	United States of America	26-Apr-2004	22-May-2007	Cytyc Corporation
Method & Apparatus for		7220200	Granica	United States of	20 1101 2004	22 Widy 2007	Cytyc
Tubal Occlusion	11/752,222		Pending	America United States of	22-May-2007		Corporation
Method & Apparatus for Tubal Occlusion	09/241,790	6309384	Granted	America	01-Feb-1999	30-Oct-2001	Cytyc Corporation
Method & Apparatus for	00/04 0 704	0710010	Out and and	United States of	40 M 0004	00 M 0004	Cytyc
Tubal Occlusion Method & Apparatus for	09/810,761	6712810	Granted	America United States of	16-Mar-2001	30-Mar-2004	Corporation Cytyc
Tubal Occlusion	10/812,476		Pending	America	29-Mar-2004		Corporation
Catheter Placement Detection System and				United States of			Cytyc
Operator Interface	10/155,462	6780182	Granted	America	23-May-2002	24-Aug-2004	Corporation
Catheter Placement Detection System and				United States of			Cytyc
Operator Interface	10/924,584		Pending	America	24-Aug-2004		Corporation
Delivery Catheter with				United States of			Cutivo
Implant Ejection Mechanism	11/562,882		Pending	United States of America	22-Nov-2006		Cytyc Corporation
				United States of			Cytyc
Side-Arm Port Introducer Method for Selecting	11/564,244		Pending	America	28-Nov-2006		Corporation
Medical & Biochemical							
Diagnostic Tests Using Neural Network-Related				United States of			Cytyc
Applications	08/912,133	6678669	Granted	America	14-Aug-1997	13-Jan-2004	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	Cytyc Corporation
Applications	09/134,030	0000977	Granteo	America	1 14-Aug-1998	29-Apr-2003	Corporation

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Degrosto Testa Liang Neural Network Related Applications Published Annexa It Jan-2002 Cypy Copyration Annexa Annexa Annexa Annexa Copyration Copyr						-		
Applications Method of Selections Metho								
Method to Selecting								
Medical Stochemord Diagnate		10/043,356		Published	America	11-Jan-2002		Corporation
Neurila Network-Fielated 10164 088 7228288 Granted America 04-Jun-2002 05-Jun-2007 Orgonation								
Applications 10/14/68 728205 Caranted America C4-Jun-2002 C5-Jun-2007 Corporation Cyty								<u>-</u> .
Pierri of Care Dilagnostic 364416 6267722 Crurtled America 367401983 31-Jul 2001 Corporation Cor		10/164 053	7228295	Granted		04- Jun-2002	05-Jun-2007	
		10/104,033	1220293	Granted		04-0011-2002	03-3411-2007	
Systems 000083/497 639/9952 Granted America 20-Apr-1998 28-May-2002 Corporation Cytyc Cyty		-364616	6267722	Granted		03-Feb-1998	31-Jul-2001	
Point of Care Diagnostic 06/717,476 6687061 Cranted America 20-Nov-2000 15-Mar-2006 Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc		09/063 / 97	639/952	Granted		20-Apr-1998	28-May-2002	
Systems		03/000,407	0004002	Granica		20 / (pi 1330	20 Way 2002	
Systems 097717,355 6988476 Granted America 20-Nov-2000 30-Nug 2005 Corporation Cor		09/717,478	6867051	Granted		20-Nov-2000	15-Mar-2005	
Pierri Clare Diagnostic Systems 10/877,122 7270970 Granted America 28-Jun-2004 18-Sep-2007 Corporation Cytyc C		09/717 355	6936476	Granted		20-Nov-2000	30-Aug-2005	
Point of Care Diagnostic Systems Point of Care Diagnostic Systems 11/219,216 Published P		00.7.7.7,000	3333 5	S. a. i. o.		2011012000	- 00 / 10g 2000	
Systems		10/877,122	7270970	Granted		25-Jun-2004	18-Sep-2007	
Published		11/219.216		Published		02-Sep-2005		
Point of Care Analyte Reader (Design) 28/086,781 DES 434,183 Granted United States of America 20-Apr-1998 21-Nov-2000 Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Cytyc Corporation Cytyc Cy	Point of Care Diagnostic	·			United States of	· ·		Cytyc
Reader (Design) 20/066,781 DES 434,153 Granted America 20-Apr-1998 21-Nov-2000 Corporation Devoce for Enasing an Assay Feet Strip (Design) 29/066,799 DES 432,244 Granted America 20-Apr-1998 17-Oct-2000 Corporation America America 20-Apr-1998 17-Oct-2000 Corporation America America 20-Apr-1998 17-Oct-2000 Corporation America America Corporation Determined Indications 11/193,857 Pending United States of America America October 1970 October 19		11/218,807		Published		02-Sep-2005		
Device for Encasing an Assay Test Strip (Design)		29/086.781	DES 434.153	Granted		20-Apr-1998	21-Nov-2000	
Name	Device for Encasing an		,		United States of			Cytyc
Methods for Preventino of Pr		29/086,799	DES 432,244	Granted	America	20-Apr-1998	17-Oct-2000	Corporation
Perembelivery 10/774,144 Pending					United States of			Cytyc
Marker for Pregnancy- Related Indications	Preterm Delivery	10/774,144		Pending		06-Feb-2004		
Related Indications					United States of			Cuturo
Samples for Detection of Concofetal Fibronectin & User Thereof Marcina & User Thereof Detection of Concofetal Fibronectin as a Marker for Health and Disease 11/193,806 Pending America 29-Jul-2005 Corporation Oncofetal Fibronectin Detection of Concofetal Fibronectin Detection of Concofetal Fibronectin Oncofetal Fibronectin Oncofe		11/193,857		Pending		29-Jul-2005		
User Thereof	Samples for Detection of			J				
Discostal Fibronectin as a Marker for Health and Disease 11/193,806 Pending United States of America 29-Jul-2005 Corporation Cytyc		11/103 771		Published		29- Jul-2005		
Disease		11/100,771		1 00101100	7 tillollod	20 001 2000		Gorporation
Methods for Detecting Oncofetal Fibronectin 11/193,789 Pending United States of America 29-Jul-2005 Cytyc Corporation Oncofetal Fibronectin of Oncofetal Fibronectin of Selection of Conception 11/193,561 Pending United States of America 29-Jul-2005 Corporation Hormone Replacement Therapy Monitoring 09/394,579 6174665 Granted America 29-Jul-2005 Corporation Use of Estriol Measurement to Monitor Tocolytic Therapy Monitoring 08/136,219 5370135 Granted America 13-Oct-1993 06-Dec-1994 Corporation Method for Prediction of Premature Labor 08/242,034 5480776 Granted United States of America 12-May-1994 Q2-Jan-1996 Corporation Fluid Collection Kit and Method 08/795,964 5786228 Granted America 05-Feb-1997 28-Jul-1998 Corporation Fluid Collection Kit and Method 09/069,420 5981293 Granted America 29-Apr-1998 09-Nov-1999 Corporation Ectopic Pregnancy 07/732,364 5286846 Granted America 18-Jul-1991 17-Aug-1		44/400 000		Daniella a		00 141 0005		
Detection of Oncofetal Fibronectin 11/193,789 Pending America 29-Jul-2005 Corporation Detection of Oncofetal Fibronectin for Selection of Conception 11/193,561 Pending United States of America 29-Jul-2005 Corporation Cytyc Corporation United States of America 29-Jul-2005 Corporation Cytyc Corporation United States of America 29-Jul-2005 Corporation Cytyc Corporation United States of America 10-Sep-1999 16-Jan-2001 Cytyc Corporation		11/193,806		Pending		29-Jul-2005		
Fibronectin for Selection of Conception	Oncofetal Fibronectin	11/193,789		Pending		29-Jul-2005		
Corporation					United States of			Cutura
Hormone Replacement		11/193,561		Pending		29-Jul-2005		
United States of Estriol Measurement to Monitor Tocolytic Therapy	Hormone Replacement							Cytyc
to Monitor Tocolytic Therapy 08/136,219 5370135 Granted America United States of America 13-Oct-1993 06-Dec-1994 Cytyc Cytyc Corporation Cytyc Cytyc Corporation Cytyc Cytyc Corporation Ex Vivo Product of Conception Test to Determine Abortion O7/274,267 Secandary Corporation Cytyc Corporation Corporation Cytyc Corpor		09/394,579	6174665	Granted	America	10-Sep-1999	16-Jan-2001	Corporation
Therapy					United States of			Cytyc
Premature Labor 08/242,034 5480776 Granted America 12-May-1994 02-Jan-1996 Corporation Cytyc	Therapy	08/136,219	5370135	Granted		13-Oct-1993	06-Dec-1994	Corporation
Fluid Collection Kit and Method		08/242 034	5480776	Granted		12-May-1994	02-Jan-1996	
Method		00/272,007	5-55775	Granico		12 1/10/4	32 34H-1330	
Method 08/795,051 5786227 Granted America 05-Feb-1997 28-Jul-1998 Corporation Fluid Collection Kit and Method 09/069,420 5981293 Granted United States of America 29-Apr-1998 O9-Nov-1999 Corporation Ectopic Pregnancy 07/732,364 5236846 Granted America 18-Jul-1991 17-Aug-1993 Corporation Fetal Fibronectin Pregnancy Test 07/282,426 5185270 Granted America 12-Dec-1988 09-Feb-1993 Corporation Ex Vivo Product of Conception Test to Determine Abortion 07/274,267 5223440 Granted America 18-Nov-1988 29-Jun-1993 Corporation Pregnancy Induced Hypertension & Eclampsia Immunoassay & Reagents 07/302,854 5079171 Granted America 27-Jan-1989 27-Jan-1989 Corporation Labor & Membrane Rupture Test and Reagents 07/244,969 5096830 Granted America 15-Sep-1988 17-Mar-1992 Corporation Sample Collection & Transport Fluid Composition 07/244,984 4919889 Granted America		08/795,964	5786228	Granted		05-Feb-1997	28-Jul-1998	Corporation
Fluid Collection Kit and Method 09/069,420 5981293 Granted Method 09/069,420 5981293 Granted 29-Apr-1998 09-Nov-1999 Corporation Cytyc Corporation O7/32,364 5236846 Granted America 18-Jul-1991 17-Aug-1993 Corporation Cytyc Petal Fibronectin Pregnancy Test 07/282,426 5185270 Granted Determine Abortion 07/274,267 5223440 Granted America 18-Nov-1988 29-Jun-1993 Corporation O7/274,267 Sorgia Inmunoassay & Reagents O7/302,854 Sorgia Inmunoassay & Reagents O7/302,854 Sorgia Inmunoassay & Reagents O7/244,969 Sog6830 Granted Instruction of East Instruction O7/244,969 Sog6830 Granted Instruction O7/244,969 Sog6830 Granted Instruction O7/244,969 Sog6830 Granted Instruction O7/244,969 Corporation O7/244,969 Granted Instruction O7/2		08/795 051	5786227	Granted		05-Feb-1997	28-Jul-1998	
Ectopic Pregnancy 07/732,364 5236846 Granted America 18-Jul-1991 17-Aug-1993 Corporation Fetal Fibronectin Pregnancy Test 07/282,426 5185270 Granted America 12-Dec-1988 09-Feb-1993 Corporation Ex Vivo Product of Conception Test to Determine Abortion 07/274,267 5223440 Granted America 18-Nov-1988 29-Jun-1993 Corporation Pregnancy Induced Hypertension & Eclampsia Immunoassay & Reagents 07/302,854 5079171 Granted America 27-Jan-1989 27-Jan-1989 Corporation Sample Collection & Transport Fluid Composition 07/244,984 4919889 Granted America 15-Sep-1988 24-Apr-1990 Corporation Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal	Fluid Collection Kit and	·			United States of			Cytyc
Ectopic Pregnancy	Method	09/069,420	5981293	Granted		29-Apr-1998	09-Nov-1999	
Fetal Fibronectin Pregnancy Test O7/282,426 D7/282,426 O7/282,426 D7/282,426 O7/282,426 D7/282,426 D7/282,4	Ectopic Pregnancy	07/732.364	5236846	Granted		18-Jul-1991	17-Aug-1993	
Ex Vivo Product of Conception Test to Determine Abortion O7/274,267 Determine Abortion Determine Abortion O7/274,267 Determine Abortion Determine Abortion Determine Abortion O7/274,267 Determine Abortion Determine Ab	Fetal Fibronectin				United States of			Cytyc
Conception Test to Determine Abortion O7/274,267 Determine America United States of United States of United States of Cytyc Corporation O7/244,984 Determine Abortion O7/244,984 De		07/282,426	5185270	Granted	America	12-Dec-1988	09-Feb-1993	Corporation
Determine Abortion 07/274,267 5223440 Granted America 18-Nov-1988 29-Jun-1993 Corporation Pregnancy Induced Hypertension & Eclampsia Immunoassay & Reagents 07/302,854 5079171 Granted America 27-Jan-1989 Corporation Labor & Membrane Rupture Test and Reagents 07/244,969 5096830 Granted America 15-Sep-1988 17-Mar-1992 Corporation Sample Collection & Transport Fluid Composition 07/244,984 4919889 Granted America 15-Sep-1988 24-Apr-1990 Corporation Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal United States of United States					United States of			Cytyc
Hypertension & Eclampsia Immunoassay & Reagents	Determine Abortion	07/274,267	5223440	Granted		18-Nov-1988	29-Jun-1993	
Immunoassay & Reagents 07/302,854 5079171 Granted America 27-Jan-1989 27-Jan-1989 Corporation Labor & Membrane Rupture Test and Reagents 07/244,969 5096830 Granted America 15-Sep-1988 17-Mar-1992 Corporation Sample Collection & Transport Fluid Composition 07/244,984 4919889 Granted America 15-Sep-1988 24-Apr-1990 Corporation Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal United States of					United States of			Cytyc
Labor & Membrane Rupture Test and Reagents O7/244,969 Sample Collection & Transport Fluid Composition Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal Linited States of America United States of America United States of America 15-Sep-1988 17-Mar-1992 Corporation Cytyc Corporation 15-Sep-1988 24-Apr-1990 Corporation United States of America United States of Cytyc Corporation United States of Cytyc Corporation United States of Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation Cytyc Corporation United States of Cytyc Corporation United States of Cytyc		07/302,854	5079171	Granted		27-Jan-1989	27-Jan-1989	
Sample Collection & Transport Fluid Cytyc Composition 07/244,984 4919889 Granted America 15-Sep-1988 24-Apr-1990 Corporation Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal United States of Cytyc	Labor & Membrane Rupture							Cytyc
Transport Fluid Composition 07/244,984 4919889 Granted United States of America 15-Sep-1988 24-Apr-1990 Corporation Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal United States of Cytyc Corporation Cytyc Corporation		07/244,969	5096830	Granted	America	15-Sep-1988	17-Mar-1992	Corporation
Composition 07/244,984 4919889 Granted America 15-Sep-1988 24-Apr-1990 Corporation Reagents & Kits for Determination of Fetal Fibronectin in a Vaginal United States of Cytyc					United States of			Cytyc
Determination of Fetal Fibronectin in a Vaginal United States of Cytyc	Composition	07/244,984	4919889	Granted		15-Sep-1988	24-Apr-1990	
Fibronectin in a Vaginal United States of Cytyc								
Sample 07/628,282 5281522 Granted America 14-Dec-1990 25-Jan-1994 Corporation	Fibronectin in a Vaginal				United States of			
	Sample	07/628,282	5281522	Granted	America	14-Dec-1990	25-Jan-1994	Corporation

Title	App. No.	Pat. No.	Status	Country	Filing Date	Issue Date	Owner
Screening Method for							
Identifying Women At							
Increased Risk for				United States of			Cytyc
Imminent Delivery	08/061,755	5468619	Granted	America	12-May-1993	21-Nov-1995	Corporation
Screening Method for							
Identifying Women At Risk				United States of			Cytyc
for Imminent Delivery	08/268,210	5516702	Granted	America	29-Jun-1994	14-May-1996	Corporation
Determination of						,	·
Endometrial Receptivity							
Toward Embryo				United States of			Cytyc
Implantation	07/897706	5279941	Granted	America	12-Jun-1992	18-Jan-1994	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			l		
THEIR MANAFACTURE AND USE	5606589	United States	25-Feb-97	Granted	Hologic, Inc.
AIR CROSS GRIDS FOR					
MAMMOGRAPHY AND METHODS FOR	E01400E	United Ctates	20 000 00	Cuantad	Halasia Ina
THEIR MANAFACTURE AND USE AIR CROSS GRIDS FOR	5814235	United States	29-Sep-98	Granted	Hologic, Inc.
MAMMOGRAPHY AND METHODS FOR					
THEIR MANAFACTURE AND USE	5729585	United States	17-Mar-98	Granted	Hologic, Inc.
AIR CROSS GRIDS FOR	37 29303	Officed Otales	17-10141-30	Granted	Tiologic, inc.
MAMMOGRAPHY AND METHODS FOR					
THEIR MANAFACTURE AND USE	6075840	United States	13-Jun-00	Granted	Hologic, Inc.
ALTERNATE METHOD FOR TILING	307.0010	Ollitor States	10 00.1 00	on arrivo	11010910, 11101
GLASS PANELS	NYK	United States	NYK	Docketed	Hologic, Inc.
AMORPHOUS SELENIUM FLAT PANEL			1		
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					Direct Radiography
AN IMAGE CAPTURE PANEL	5563421	United States	08-Oct-96	Granted	Corp.
APPARATUS FOR HOLDING AND					
DRIVING A SURGICAL CUTTING					
DEVICE USING STERETACTIC	5000040		00.11 00	0	1
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	10/007510	11-4-104-1-	0.000	E0 - 4	I I a I a a i a I a a
DENSITOMETRY DAD DIVEL COLUMN PROCESSING IN	10/937516	United States	9-Sep-06	Filed	Hologic, Inc.
BAD PIXEL COLUMN PROCESSING IN	6110046	United States	12 800 00	Granted	Direct Radiography
A RADIATION DETECTION PANEL	6118846	United States	12-Sep-00		Corp.
Baggage Inspection and the Like Bone Densitometer	5044002 4947414	United States United States	8.7.90	Issued	Hologic, Inc. Hologic, Inc.
	5148455	United States United States	9.15.92	Issued	
Bone Densitometer BONE DENSITOMETRY SCANNING	3140433	Officed States	9.10.92	Issued	Hologic, Inc.
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	5557211	555 Glaico	1	J. 41100	1.0.0910, 1110.
IMAGING SYSTEMS	5949846	United States	07-Sep-99	Granted	Hologic, Inc.
BONE SONOMETRY, DENSITOMETRY	00 100 10	311100 010100	1 0, 00, 00	Granico	11010910, 1110.
& IMAGING	6234969	United States	22-May-01	Granted	Hologic, Inc.
BREAST BIOPSY AND NEDDLE			 , - : 		
LOCALIZATION USING					
TOMOSYNTHEIS SYSTEMS"	11/707587	United States	15-Feb-07	Filed	Hologic, Inc.
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	App. No./		Filing or		
TITLE	Pat. No.	Country	Issue Date	Status	Owner
BREAST BIOPSY AND NEDDLE LOCALIZATION USING					
TOMOSYNTHEIS 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	00/030420	Officed States	07-Aug-00	i ilea	
ASSESSMENS 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			12 20.10		
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 METHID FOR	0200470	Office Otales	13 Way 01	Granico	riologic, iric.
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					Direct Radiography
IMAGING	5804832	United States	08-Sep-98	Granted	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	0202204	Officed States	20-Aug-01	Granted	Tiologic, inc.
DETECTOR POSITIONING IN					
DIAGNOSTIC RADIOLOGY	6851851	United States	08-Feb-05	Granted	Hologic Inc.
DIGITAL IMAGING SYSTEM USING CCD					I
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	332000+	Office Claics	11 0011 00	Granica	Direct Radiography
PANEL	5652430	United States	29-Jul-97	Granted	Corp.
DIRECT RADIOGRAPHIC IMAGING					
PANEL HAVING DIELECTRIC LAYER					D: 10 "
WITH AN ADJUSTED TIME CONSTANT	6194727	United States	27-Feb-01	Granted	Direct Radiography Corp.
DIRECT RADIOGRAPHIC IMAGING	0134727	Officed Otales	27-1 65-01	Granted	Direct Radiography
PANEL WITH SHIELDING ELECTRODE	6075248	United States	13-Jun-00	Granted	Corp.
DISTRIBUTED ARCHITETURE FOR					·
MAMMOGRAPHIC IMAGE AQUISITION	40///	11.71.7.21.1	401/ 22	-	
AND PROCESSING.	10/440488	United States	16-May-03	Filed	Hologic, Inc. Direct Radiography
ELECTRONIC CASSETTE FOR RECORDING X-RAY IMAGES	5661309	United States	26-Aug-97	Granted	Orp.
EQUIPMENT & METHOD FOR	3001000	Office Otales	20 / lug-9/	Granieu	- Joip.
CALIBRATION & QUALITY ASSURANCE					
OF					
AN ULTRASONIC BONE ANALYSIS	F00		,, , ,	2	1
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.

	App. No./		Filing or		
TITLE	Pat. No.	Country	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					
IMAGE CAPTURE DEVICE USING A	5311567	United States	5.10.94	Issued	Hologic, Inc. Direct Radiography
SECONDARY ELECTRODE	5895936	United States	20-Apr-99	Granted	Corp. Direct Radiography
IMAGE CAPTURE ELEMENT IMAGE CAPTURE PANEL USING A	6025599	United States	15-Feb-00	Granted	Corp. Direct Radiography
SOLID STATE DEVICE IMAGE DATA PROCESSING FOR	5498880	United States	12-Mar-96	Granted	Corp. Direct Radiography
DIGITALL X-RAY DETECTORS	6215900	United States	10-Apr-01	Granted	Corp.
IMAGE HANDLING AND DISPLAY IN X- RAY MAMMMOGRAPHY AND TOMOSYNTHESIS	11/271,050	United States	11-Nov-05	Filed	Hologic, Inc.
IMAGE HANDLING AND DISPLAY IN X-		STITLES STATES	111404-00	1 1100	, lologio, illo.
RAY MAMMMOGRAPHY 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 INTEGRATED X-RAY AND	10/559404	United States	04-Jun-04	Filed	Hologic, Inc.
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 MAMMOGRAPHY SYSTEM AND MEHTOD EMPLOYING OFFSET COMPRESSION PADDLES, AUTOMATIC COLLIMATION, AND RETRACTABLE ANTI-SCATTER GRID MAMMOGRAPHY SYSTEM WITH	10/496049	United States United States	18-Oct-04 30-Nov-06	Filed Filed	Hologic, Inc. Hologic, Inc.
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 METHOD AND APPARATUS FOR	5138553	United States	11-Aug-92	Granted	Hologic, Inc.
DISPLAYING IMAGES METHOD AND APPARATUS FOR	6157373	United States	05-Dec-00	Granted	Hologic, Inc.
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.

	App. No./		Filing or		T
TITLE METHOD AND APPARATUS FOR	Pat. No.	Country	Issue Date	Status	Owner
REDUCING NOISE IN A RADIATION CAPTURE DEVICE	5648660	United States	15-Jul-97	Granted	Direct Radiography,
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	10/307217	Officed States	29-1100-02	Filed	Corp.
DETECTION OF REGION OF INTEREST FOR DIGITAL X-RAY DETECTORS	0440000	Linite d Otata	10.0 00	0	Direct Radiography
USING A FILTERED HISTOGRAM METHOD OF ASSESSING BONE	6118892	United States	12-Sep-00	Granted	Corp.
CHARACTERISTICS USING DIGITAL 2-	6282258	United States	39 Aug 01	Grantad	Hologio Inc
DIMENSIONAL X-RAY DETECTOR METHOD OF MAKING X-RAY	0202200	Officed States	28-Aug-01	Granted	Hologic, Inc.
PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSORING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY,					
EXPOSURE OR IMAGE STORAGE METHOD OF RADIOLOGICALLY	RE37,614	United States	02-Apr-02	Granted	Hologic, Inc.
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			1 1		
FUSED MAMMOGRAPHY PANEL CONNECTOR FOR	11/632078	United States	07-Jul-05	Filed	Hologic, Inc.
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	2.30.110				
MAMMOGRAPHY NEEDLE BIOPSY APPARATUS & METHOD FOR USING SAME	5609152	United States	15-Feb-95	Granted	Hologic, Inc.
RADIOGRAM SHOWING LOCATION OF	2330102	Omico Ciaico	10 1 00 00	G. Gilloo	•
AUTOMATIC EXPOSURE CONTROL SENSOR	6327336	United States	16-Apr-97	Granted	Direct Radiography Corp.

	App. No./		Filing or		<u> </u>
TITLE	Pat. No.	Country	Issue Date	Status	Owner
READOUT SEQUENCE FOR RESIDUAL IMAGE ELIMINATION IN A RADIATION					Direct Radiography
DETECTION PANEL	5969360	United States	10-Dec-03	Granted	Corp.
SAMPLED ANTI-ALIASING FILTER FOR DIGITAL RADIOGRAPHY	NYK	United States	28-Oct-03	Docketed	
SCANNING X-RAY IMAGING SYSTEM	IVIIX	erinted etates	20 001 00	Docketed	Hologic
WITH ROTATING C-ARM SCANNING X-RAY IMAGING SYSTEM	6640123	United States	09-Jun-98	Granted	Helegie Inc
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 SELECTIVE LASER REMOVAL OF	5070519	United States	12-3-91	Filed	Hologic, Inc. Direct Radiography
DIELECTRIC COATING	6060683	United States	22-Sep-98	Granted	Corp.
SIGNAL PROFILING FOR MEDICAL	10/410700	Limite d Oteste e	07 14 00	T:1-4	Halasia Isa
IMAGING SYSTEMS SINGLE/DUAL-ENERGY X-RAY	10/412736	United States	07-Jul-98	Filed	Hologic, Inc.
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					Direct Radiography
EXPOSURE WINDOW	6181773	United States	07-Oct-03	Granted	Corp.
SOURCE FILTER FOR RADIOGRAPHIC IMAGING	4956859	United States	10-Mar-89	Granted	Hologic, Inc.
STEREOTACTIC MAMMOGRAPHY	4930039	Officed States	10-14141-09	Granted	Hologic, Inc.
IMAGING SYSTEM WITH PRONE					
POSITION EXAMINATION TABLE AND CCD CAMERA	5289520	United States	06-Oct-92	Granted	Hologic, Inc.
STEREOTACTIC MAMMOGRAPHY					
SYSTEM IMAGING STOKE ANTI SCATTER GRID FOR	5426685	United States	25-Sep-96	Granted	Hologic, Inc.
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	0023070	Office Craics	20 0411 00	Granted	riologic, iric.
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	0120070	Office Clares	0.20.00	100000	riologio, mo.
Monitoring Hyperthermic Medical Treatments	6117088	United States	26-Sep-00	Issued	Hologic, Inc.
Treatments	0117000	Office Clates	20 000 00	188000	Direct Radiography
TILE MOTIF FOR ANTI-SCATTER GRID TOUCHLESS TFT PANEL LAMINATION	6690767	United States	19-Feb-02	Granted	Corp.
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					3,
APPARATUS WITH REPEATABLE POSITIONING & REPEATABLE					
COUPLING	6004272	United States	24-Oct-00	Granted	Hologic, Inc.
ULTRASONIC BONE TESTING APPARATUS WITH REPEATABLE					
ALL ANALOG WITH HELL LA LADEL		1			
POSITIONING & REPEATABLE					
COUPLING	6135964	United States	28-Dec-04	Granted	Hologic, Inc.
	6135964 6835178	United States United States	28-Dec-04 16-Jun-00	Granted Granted	Hologic, Inc.
COUPLING ULTRASONIC BONE TESTING WITH COPOLYMER TRANSDUCERS USER INTERFACE SYSTEM FOR	6835178	United States	16-Jun-00	Granted	Hologic, Inc.
COUPLING ULTRASONIC BONE TESTING WITH COPOLYMER TRANSDUCERS					_

TITLE	App. No./	0	Filing or	01-1	0
TITLE VASCULAR BRACHYTHERAPY	Pat. No.	Country United States	Issue Date 30-Jan-01	Status Docketed	Owner
WHOLE-BODY DUAL ENERGY BONE		Officed States	30-Jan-01	Docketed	
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	5000705		07.1.05	0	1
PASSES WIDE DYNAMIC RANGE DIGITAL	5838765	United States	07-Jun-95	Granted	Hologic, Inc.
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	0047044		07.1.07	0 1 1	1
APPARATUS X-RAY BONE DENSITOMETRY	6217214	United States	07-Jun-97	Granted	Hologic, Inc.
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					
VERICALLY 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					J
TOMOSYNTHESIS	10/723486	United States	26-Nov-03	Filed	Hologic, Inc.
ADAPTER ASSEMBLY FOR	40/000 000		0/40/0004		Suros Surgical
STEREOTACTIC BIOPSY	10/803,698	United States	3/19/2004	Issued	Systems, Inc. Suros Surgical
ALTERNATE TISSUE FILTER	NYK	United States	NYK	Pending	Systems, Inc.
ALTERNATIVE MARKER (PIG IN A	14110	Office Clare	14110	ronang	Suros Surgical
BLANKET)	NYK	United States	NYK	Pending	Systems, Inc.
ANEUDYOM OUD	NING	11.11.101.1	NIVIZ	D "	Suros Surgical
ANEURYSM CLIP APPARATUS FOR COLLECTING AND	NYK	United States	NYK	Pending	Systems, Inc. Suros Surgical
STAGING TISSUE	08/383,777	United States	2/6/1995	Issued	Systems, Inc.
APPARATUS FOR MINIMALLY	00,000,11	Olimoo otatoo	2.5.1555	10000	Suros Surgical
INVASIVE TISSUE REMOVAL	08/018,045	United States	2/16/1993	Issued	Systems, Inc.
APPARATUS FOR MINIMALLY					Suros Surgical
INVASIVE TISSUE REMOVAL	08/319,126	United States	2/16/1993	Pending	Systems, Inc.
APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL	08/483,385	United States	2/16/1993	Pending	Suros Surgical Systems, Inc.
APPARATUS FOR MINIMALLY	00/400,000	Office Claics	2/10/1330	r criding	Suros Surgical
INVASIVE TISSUE REMOVAL	08/486,350	United States	2/16/1993	Pending	Systems, Inc.
					Suros Surgical
BENT TIP DEPLOYMENT DEVICE	NYK	United States	NYK	Pending	Systems, Inc.
BIODSY ADDADATUS	09/707,022	United States	11/6/2000	Issued	Suros Surgical
BIOPSY APPARATUS	03/101,022	Omited States	11/0/2000	ISSUEU	Systems, Inc. Suros Surgical
BIOPSY APPARATUS	09/864,031	United States	11/6/2000	Pending	Systems, Inc.
	,			- J	Suros Surgical
BIOPSY APPARATUS	10/639,569	United States	11/6/2000	Pending	Systems, Inc.
BIODEV ADDADATUS	10/040/070	United Ct-t	11/6/0000	Dandie -	Suros Surgical
BIOPSY APPARATUS	10/848/278	United States	11/6/2000	Pending	Systems, Inc. Suros Surgical
BIOPSY APPARATUS	10/958,026	United States	11/6/2000	Pending	Systems, Inc.
-	,			9	Suros Surgical
BIOPSY APPARATUS	10/970,269	United States	11/6/2000	Pending	Systems, Inc.
DIODON ADDADATUS	44.047.77	11-2-101	44/0/0000		Suros Surgical
BIOPSY APPARATUS	11/247,707	United States	11/6/2000	Pending	Systems, Inc.
BIOPSY APPARATUS	11/351/917	United States	11/6/2000	Pending	Suros Surgical Systems, Inc.
2.3. 317417444100	11/00/1/01/1	Office Otales	1.7572555	, origing	Suros Surgical
BIOPSY APPARATUS	11/364,123	United States	11/6/2000	Pending	Systems, Inc.
					Suros Surgical
BIOPSY APPARATUS	10/903,305	United States	11/6/2000	Pending	Systems, Inc.
BIOPSY SITE MARKER DEPLOYMENT DEVICE	11/305,141	United States	7/29/2003	Issued	Suros Surgical Systems, Inc.
DLVIOL	11/303,141	Officed States	112312003	issueu	j Oystellis, IIIC.

	App. No./		Filing or	a	
TITLE	Pat. No.	Country	Issue Date	Status	Owner Suros Surgical
BIRD CAGE TRAY	NYK	United States	NYK	Pending	Systems, Inc. Suros Surgical
BIRD CAGE WIRE INTERACTION	NYK	United States	NYK	Pending	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. Suros Surgical
END DEPLOY HUB	11/238,295	United States	10/14/2004	Pending	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.
					Suros Surgical Systems, Inc.
OPAL BIOPSY SYSTEM OPEN SURGICAL BIOPSY DEVICE	NYK	United States	NYK	Pending	
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	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
SECUREMENT FOR A SURGICAL SITE MARKER AND DEPLOYMENT DEVICE	60/915,275	United States	5/1/2007	Issued	Suros Surgical Systems, Inc.
FOR SAME					, -, -, -, 1110.

	App. No./		Filing or		
TITLE	Pat. No.	Country	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	NIVIZ	United States	NIVIZ	Danding	Suros Surgical
SPRING LOADED CORE BIOPSY	NYK	United States	NYK	Pending	Systems, Inc.
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.
CURCICAL CUITING INCTRUMENT	00/015 000	Linited Ctates	7/04/4004	Dandina	Suros Surgical
SURGICAL CUTTING INSTRUMENT SURGICAL DEVICE WITH ERGONOMICALLY IMPROVED	09/015,832	United States	7/21/1994	Pending	Systems, Inc. Suros Surgical
HANDPIECE	10/941,244	United States	9/15/2003	Pending	Systems, Inc. Suros Surgical
SURGICAL HANDPIECE	NYK	United States	NYK	Pending	Systems, Inc.
SURGICAL INSTRUMENT FOR MINIMALLY INVASIVE TISSUE REMOVAL	NYK	United States	NYK	Pending	Suros Surgical Systems, Inc.
SURGICAL SITE MARKER DELIVERY	INTE		INTR	Fending	Suros Surgical
SYSTEM SYSTEM AND METHOD FOR	11/284,677	United States	11/22/2006	Issued	Systems, Inc.
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.
				•	Suros Surgical
TISSUE EXTRACTION DEVICE	NYK	United States	NYK	Pending	Systems, Inc. Suros Surgical Systems, Inc.
VACUUM ASSISTED BIODSY DEVICE	NIVIZ	United States	2/29/2007	Donding	Suros Surgical Systems, Inc.
VACUUM ASSISTED BIOPSY DEVICE	NYK	United States	2/28/2007	Pending	Suros Surgical
VACUUM ASSISTED BIOPSY DEVICE VACUUM ASSISTED BIOPSY NEEDLE	60/892,174	United States	2/28/2007	Pending	Systems, Inc. Suros Surgical
SET VACUUM ASSISTED BIOPSY NEEDLE	60/510,866	United States	10/14/2003	Issued	Systems, Inc Suros Surgical
SET VACUUM ASSISTED BIOPSY NEEDLE	10/964,959	United States	10/14/2003	Pending	Systems, Inc. Suros Surgical
SET	11/389,274	United States	10/14/2003	Pending	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	6262002	United States	7/17/0001	laguad	P2 Toohnalassi II
METHOD AND APPARATUS FOR FAST	6263092	United States	7/17/2001	Issued	R2 Technology, Inc.
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 MORPHOMETRIC X-RAY	5432834	United States	7.11.95	Issued	Hologic, Inc.
ABSORPTIOMETRY (MXA)	5483960	United States	1.16.96	Issued	Hologic, Inc.

TITLE	App. No./ Pat. No.	Country	Filing or Issue Date	Statua	Owner
MORPHOMETRIC X-RAY		Country		Status	
ABSORPTIOMETRY (MXA) *DEVICE FOR CUSHIONING OF	6002959	United States	12.14.99	Pending	Hologic, Inc.
COMPRESSION SURFACES *DEVICE FOR CUSHIONING OF	6577702 6765984;	United States	6.10.03 7.20.04;	Issued.	Biolucent, Inc.
COMPRESSION SURFACES	2003/007597	United States	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				Filed	
COMPRESSION SURFACES *PADS FOR MAMMOGRAPHY AND	2005/0036584 A1	United States	2.17.05	riled	
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	2000/0233333	Officed States	10.20.00	i ilea	
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	10/000 010	110	NIXIZ	Dendina	DO Tachardany Inc
INDEPENDENT DISPLAY MECHANISM A METHOD AND APPARATUS FOR	10/306,016	US	NYK	Pending	R2 Technology, Inc.
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	10/200,131	03	INTR	Fending	Hz rechnology, mc.
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 AUTOMATICALLY DETECTING THE	6909794	US	6/21/2005	Issued	R2 Technology, Inc.
PRESENCE OF CONTRAST AGENT IN A MEDICAL IMAGE	10/998,238	US	NYK	Donding	R2 Technology, Inc.
COMMUNICATING COMPUTER-AIDED	10/990,230	03	INTR	Pending	Hz reciliology, inc.
DETECTION RESULTS IN A STANDARDS-BASED MEDICAL					
IMAGING ENVIRONMENT COMMUNICATING COMPUTER-AIDED	6,909,795	US	6/21/2005	Issued	R2 Technology, Inc.
DETECTION RESULTS IN A	0005004404444				
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	20050169526A1				
MEDICAL IMAGES DISPLAYING AND NAVIGATING	11/087820	US	9/16/2005	Pending	R2 Technology, Inc.
COMPUTER-AIDED DETECTION RESULTS ON A REVIEW	2007/0003119A1				
WORKSTATION ENHANCED NAVIGATIONAL TOOLS	11/173960	US	11/3/2007	Pending	R2 Technology, Inc.
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	·		17115	. ononing	sormology, mo.
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					3,.
INFORMATION	6925200	US	7/2/2005	Issued	R2 Technology, Inc.
GRAPHICAL USER INTERFACE FOR DISPLAY OF ANATOMICAL					
INFORMATION GRAPHICAL USER INTERFACE FOR	7072501	US	7/4/2006	Issued	R2 Technology, Inc.
DISPLAY OF ANATOMICAL	20070003124A1	110		D "	Do T. J
INFORMATION	11/438779	US	3/12/2007	Pending	R2 Technology, Inc.

TITLE	App. No./	Country	Filing or	Otation .	0
TITLE MEDICAL IMAGE REVIEW	Pat. No.	Country	Issue Date	Status	Owner
WORKSTATION WITH INTEGRATED CONTENT-BASED RESOURCE RETRIEVAL	2006/0147099A1 11/026603	US	7/14/2006	Pending	R2 Technology, Inc.
METHOD AND APPARATUS FOR AN	11702000	100	771112000	ronang	Till Toomicrogy, me.
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 METHOD AND APPARATUS FOR AUTO-	10/040,498	US	NYK	Pending	R2 Technology, Inc.
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 METHOD AND APPARATUS FOR	6580818	US	6/17/2003	Issued	R2 Technology, Inc.
AUTOMATED DETECTION OF MASSES	6301378	110	10/0/2001	laguad	D2 Technology Inc
IN DIGITAL MAMMOGRAMS METHOD AND APPARATUS FOR	6301378	US	10/9/2001	Issued	R2 Technology, Inc.
AUTOMATIC MUSCLE SEGMENTATION IN DIGITAL MAMMOGRAMS	6035056	US	4/7/2000	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR	3330000	1 55			in in its individual in its in
CLASSIFYING DETECTION INPUTS IN MEDICAL IMAGES	11/344,834	US	NYK	Pending	R2 Technology, Inc.
METHOD AND APPARATUS FOR CORRECTION OF MAMMOGRAMS FOR	,			.	3,,
NON-UNIFORM BREAST THICKNESS METHOD AND APPARATUS FOR	7,203,348	US	4/10/2007	Issued	R2 Technology, Inc.
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NON-UNIFORM BREAST THICKNESS METHOD AND APPARATUS FOR	11/416,646	US	NYK	Pending	R2 Technology, Inc.
INDEPENDENT DISPLAY IN A					
COMPUTER-AIDED DETECTION AND/OR DIAGNOSIS SYSTEM	7174515	US	2/6/2007	Issued	R2 Technology, Inc.
METHOD AND APPARATUS FOR					•
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METHOD AND SYSTEM FOR AUTOMATIC IDENTIFICATION AND					
ORIENTATION OF MEDICAL IMAGES METHOD AND SYSTEM FOR	7146031	US	12/5/2006	Issued	R2 Technology, Inc.
AUTOMATIC IDENTIFICATION AND	20070076938A1	110	6/7/0007	Dandin	Do Taskaslamı las
ORIENTATION OF MEDICAL IMAGES METHOD AND SYSTEM FOR	11/634434	US	6/7/2007	Pending	R2 Technology, Inc.
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	040				DOT
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DETECTION OF LINES IN MEDICAL IMAGES	20020159622 A 1 10/152462	US	6/11/2002	Pending	R2 Technology, Inc.
METHOD AND SYSTEM FOR THE DISPLAY OF REGIONS OF INTEREST IN MEDICAL IMAGES	20020097902 A 1 09/990508	US	7/9/2002	Pending	R2 Technology, Inc.
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MODEL-BASED GRAYSCALE REGISTRATION OF MEDICAL IMAGES	2005013471A1 10/623191	US	3/1/2005	Pending	R2 Technology, Inc.
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	App. No./		Filing or		
TITLE	Pat. No.	Country	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	20020090121A1				
NODULE DETECTION Digital scan mammography apparatus	7272250 5526394	US	9/12/2002	Pending	R2 Technology, Inc.
		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	7233005	03	7/10/2001	Issued	riologic, inc.
x-ray imager for tomosynthesis and static imaging	,20000	US	6/19/2007	laguad	Helegia Inc
X-ray	7245694	03	0/17/2007	Issued	Hologic, Inc.
mammography/tomosynthesis of patient's breast	7243074				
		US	7/17/2007	Issued	Hologic, Inc.
Mammography needle biopsy system and method	10/723406		11/25/02		
X-ray mammography with	10/723486	US	11/25/03	Pending	Hologic, Inc.
tomosynthesis	10/725480				
	11/07/07/0	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	10622978			. 5	ALL ISSUMPTINGS
display of medical images		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	10/31/200	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	Cytyc Corporation

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