

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3382121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST RELEASE REEL/FRAME 028810/0745
CONVEYING PARTY DATA	
Name	Execution Date
GOLDMAN SACHS BANK USA, AS COLLATERAL AGENT	05/29/2015
RECEIVING PARTY DATA	
Name:	HOLOGIC, INC.
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752
Name:	BIOLUCENT, LLC
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752
Name:	CYTYC CORPORATION
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752
Name:	CYTYC SURGICAL PRODUCTS, LIMITED PARTNERSHIP
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752
Name:	SUROS SURGICAL SYSTEMS, INC.
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH,
State/Country:	MASSACHUSETTS
Postal Code:	01752
Name:	THIRD WAVE TECHNOLOGIES, INC.
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH

PATENT

State/Country:	MASSACHUSETTS
Postal Code:	01752
Name:	GEN-PROBE INCORPORATED
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752

PROPERTY NUMBERS Total: 1146

Property Type	Number
Patent Number:	8321136
Patent Number:	8574912
Application Number:	12695103
Application Number:	12408179
Patent Number:	8551082
Application Number:	12775752
Patent Number:	8506563
Application Number:	12784702
Application Number:	13041972
Application Number:	13286920
Patent Number:	8348864
Application Number:	11313444
Patent Number:	8348824
Application Number:	11959106
Patent Number:	8486060
Application Number:	11957084
Application Number:	11953718
Patent Number:	8326014
Application Number:	13034103
Patent Number:	8702727
Application Number:	12232842
Application Number:	11564244
Patent Number:	8372581
Patent Number:	8325414
Application Number:	13352901
Application Number:	11959252
Patent Number:	8403822
Patent Number:	8328711
Application Number:	11949882

Property Type	Number
Patent Number:	8523826
Application Number:	10941244
Application Number:	11875560
Application Number:	12020294
Patent Number:	8277393
Application Number:	13175830
Application Number:	11852913
Application Number:	11693534
Application Number:	11516277
Patent Number:	8298211
Application Number:	13416899
Patent Number:	8433391
Patent Number:	8352014
Patent Number:	8688198
Application Number:	13406477
Application Number:	11961505
Patent Number:	8430827
Patent Number:	8357103
Patent Number:	8246551
Application Number:	12285662
Patent Number:	8705689
Patent Number:	8768026
Patent Number:	8275090
Patent Number:	8897564
Patent Number:	8275186
Patent Number:	8287465
Application Number:	12469407
Application Number:	13280253
Patent Number:	8460619
Application Number:	12179251
Patent Number:	8550086
Application Number:	12273295
Application Number:	12834448
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Application Number:	13045966
Patent Number:	8792689
Patent Number:	8416915
Patent Number:	8559595

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Patent Number:	8553958
Patent Number:	8223916
Patent Number:	8565372
Patent Number:	8565374
Patent Number:	8597289
Application Number:	12717017
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Patent Number:	8288093
Application Number:	13479634
Patent Number:	8609336
Patent Number:	8389245
Patent Number:	8552173
Patent Number:	8354232
Patent Number:	8445238
Application Number:	12404240
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Patent Number:	8382650
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Patent Number:	8529468
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Patent Number:	8452379
Patent Number:	8285020
Application Number:	12344121
Application Number:	13198352
Patent Number:	8217357
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Patent Number:	8547402
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Patent Number:	8669118
Application Number:	12646317
Patent Number:	8532745
Application Number:	11667296
Patent Number:	8787522
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Patent Number:	8712127
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Application Number:	13383318
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Application Number:	13440219
Patent Number:	8834487
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Application Number:	12335348
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Application Number:	12109638
Patent Number:	8443808

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Application Number:	11873818
Patent Number:	8318500
Patent Number:	8309358
Patent Number:	8569019
Application Number:	12241349
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Patent Number:	8580574
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Patent Number:	8211710
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Patent Number:	8535621
Patent Number:	8334145
Patent Number:	8573072
Application Number:	13152935
Patent Number:	8685347
Application Number:	11847950
Patent Number:	8354226
Application Number:	12830574
Patent Number:	8461324
Patent Number:	8563707
Patent Number:	8759003
Patent Number:	8293885
Application Number:	12831205
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Patent Number:	8318432
Patent Number:	8551766
Patent Number:	8460869
Application Number:	11073085
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Patent Number:	8679789
Patent Number:	8241848
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Patent Number:	8501461
Patent Number:	8663922
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Patent Number:	5441498
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Patent Number:	5516702
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Patent Number:	8137289
Patent Number:	8137642
Patent Number:	8137903
Patent Number:	8137958
Patent Number:	8163565
Patent Number:	8174763
Patent Number:	8185317
Patent Number:	D420744
Patent Number:	D432244

Property Type	Number
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Patent Number:	5319206
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Patent Number:	5556716
Patent Number:	5563421
Patent Number:	5648660
Patent Number:	5652430
Patent Number:	5661309
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Patent Number:	6118892
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Patent Number:	5305365
Patent Number:	5426685
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Property Type	Number
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Patent Number:	6385283
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Property Type	Number
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Patent Number:	6430309
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Patent Number:	6496557
Patent Number:	6528254
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Patent Number:	7316779

Property Type	Number
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Patent Number:	7361467
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Patent Number:	5843669
Patent Number:	5846717
Patent Number:	5888780

Property Type	Number
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Patent Number:	6194149
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Patent Number:	7122364
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Patent Number:	7785852
Patent Number:	7790393
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Patent Number:	7824862
Patent Number:	7829314
Patent Number:	7851150
Patent Number:	7932039
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Property Type	Number
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Patent Number:	6158250
Patent Number:	6663626
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Patent Number:	8131049
Patent Number:	D641471
Patent Number:	5955261
Patent Number:	5554516
Patent Number:	5374718
Patent Number:	6361945

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NAME OF SUBMITTER:	KAREN A. COTTRELL
SIGNATURE:	/Karen A. Cottrell/
DATE SIGNED:	06/04/2015

Total Attachments: 359

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Assignment Details

28810-745: SECURITY AGREEMENT

Date Recorded	Reel/Frame	Pages
Aug 1, 2012	28810-745	78

Assignor

HOLOGIC, INC. Aug 1, 2012

BIOLUCENT, LLC Aug 1, 2012

CYTYC CORPORATION Aug 1, 2012

CYTYC SURGICAL PRODUCTS, LIMITED PARTNERSHIP Aug 1, 2012

SUROS SURGICAL SYSTEMS, INC. Aug 1, 2012

THIRD WAVE TECHNOLOGIES, INC. Aug 1, 2012

GEN-PROBE INCORPORATED Aug 1, 2012

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WASHINGTON, D.C. 20005

Properties (1147 total)

Showing properties 1 to 500

Title	Application	Publication	Patent	International Registration Number
METHOD AND SYSTEM FOR CLASSIFYING SLIDES USING SCATTER PLOT DISTRIBUTION Inventors: Kam Lin Wong, Louise Isenstein, David Zahniser	10794334 Mar 5, 2004	20040252876 Dec 16, 2004	8321136 Nov 27, 2012	
METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS Inventors: Roy A. Ostgaard, Theodore S. Geiselman	12465032 May 13, 2009	20090233331 Sep 17, 2009	8574912 Nov 5, 2013	
CYTOLOGICAL IMAGING SYSTEMS AND METHODS Inventors: David Zahniser, Theodore S. Geiselman, Roy Ostgaard, Howard L. Greene, Joseph E. Zambanini, Joseph A. Juratovac, Matthew S. Zelinski, Scott N. Danhof, Randal Chinnock, Thomas D. Haubert, Eric Hassenpflug	12695103 Jan 27, 2010	20100128944 May 27, 2010		
Detection of a Target in a Preservative Solution Inventors: James Linder, Menashi Cohenford, Kenneth Oliveira, Erin Coffman, Brian B. Lentricchia, Henrik Stender	12408179 Mar 20, 2009	20090233269 Sep 17, 2009		

Title	Application	Publication	Patent	International Registration Number
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RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE	13423908 Mar 19, 2012	20120179155 Jul 12, 2012	8551082 Oct 8, 2013	
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Inventors: Bruno Strul, Csaba Truckai, Russel Mahlon Sampson, Mark Leo Kane

Radio-Frequency Generator for Powering an Ablation Device	12775752 May 7, 2010	20100217256 Aug 26, 2010		
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Inventors: Bruno Strul, Csaba Truckai, Russel Mahlon Sampson, Mark Leo Kane

MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION	12581506 Oct 19, 2009	20130165913 Jun 27, 2013	8506563 Aug 13, 2013	
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Inventors: Csaba Truckai, Russel Mahlon Sampson, Stephanie Squarcia, Estela Hilario, Alfonso Lawrence Ramirez

Method and System for Transcervical Tubal Occlusion	12784702 May 21, 2010	20100228245 Sep 9, 2010		
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Inventors: Russel M. Sampson, Eugene V. Skalny, Estela H. Hilario, J. Brook Burley

Method and System for Drug Delivery	13041972 Mar 7, 2011	20110160533 Jun 30, 2011		
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Inventors: Russel M. Sampson

Multi-lumen instrument for providing radiation to a body cavity	13286920 Nov 1, 2011	20120116146 May 10, 2012		
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Inventors: Rance A. Winkler, Timothy J. Patrick, Carribeth B. Ramey

Title	Application	Publication	Patent	International Registration Number
UTERINE CAVITY LENGTH MEASUREMENT Inventors: Robert Kotmel, J. Brook Burley, Russel M. Sampson, Estela H. Hilario	13220501 Aug 29, 2011	20120109015 May 3, 2012	8348864 Jan 8, 2013	
Uterine cavity length measurement Inventors: Robert Kotmel, J. Brook Burley, Russel M. Sampson, Estela H. Hilario	11313444 Dec 20, 2005	20070142752 Jun 21, 2007		
TRANSPARENT CATHETERS FOR ENDOSCOPIC LOCALIZATION Inventors: Gregory K. Edmundson, Jeffrey C. Mullins	11947849 Nov 30, 2007	20090143633 Jun 4, 2009	8348824 Jan 8, 2013	
Target Tissue Locator for Image Guided Radiotherapy Inventors: James Stubbs, Gregory K. Edmundson, Srihari Yamanoor, Russel M. Sampson	11959106 Dec 18, 2007	20080177179 Jul 24, 2008		
POWER RAMPING DURING RF ABLATION Inventors: Robert Kotmel, Russel M. Sampson, Scott Dennis Taylor	11532889 Sep 18, 2006	20080071257 Mar 20, 2008	8486060 Jul 16, 2013	
METHOD AND SYSTEM FOR PROCESSING AN IMAGE OF A BIOLOGICAL SPECIMEN Inventors: Kam Lin Wong, David Zahniser, Kathy Mui, Jim Linder, Ellen Sheets	11957084 Dec 14, 2007	20080144915 Jun 19, 2008		

Title	Application	Publication	Patent	International Registration Number
Method and apparatus for verifying occlusion of fallopian tubes Inventors: Mark F. Payne, James Stubbs, Moshe Zilversmit	11953718 Dec 10, 2007	20080139923 Jun 12, 2008		
METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL SPECIMENS UTILIZING MULTIPLE WAVELENGTHS Inventors: Kam Lin Wong, David Zahniser, Kathy Mui, James Linder, Howard Kaufman	11864744 Sep 28, 2007	20090087074 Apr 2, 2009	8326014 Dec 4, 2012	
Method and Apparatus for Tubal Occlusion Inventors: Douglas C. Harrington, Brett Bowman, Peter M. Breining	13034103 Feb 24, 2011	20110308527 Dec 22, 2011		
Delivery Catheter with Implant Ejection Mechanism Inventors: Douglas C. Harrington, Daniel P. Rogy, Victor E. Viray	11562882 Nov 22, 2006		8702727 Apr 22, 2014	
Atraumatic ball tip and side wall opening Inventors: Victor E. Viray, David Callaghan	12232842 Sep 25, 2008	20090036840 Feb 5, 2009		
Side-arm Port Introducer Inventors: Douglas C. Harrington, Daniel P. Rogy	11564244 Nov 28, 2006	20100063360 Mar 11, 2010		

Title	Application	Publication	Patent	International Registration Number
Methods for Detecting Oncofetal Fibronectin Inventors: Robert O. Hussa, Mark Fischer-Colbrie, Jerome P. Lapointe, Simon Shorter, Andrew Senyei	13081826 Apr 7, 2011	20120040356 Feb 16, 2012	8372581 Feb 12, 2013	
APPARATUS FOR SINGLE-HANDED CONTROL OF MICROSCOPE FUNCTIONS Inventors: Patrick Guiney	12335440 Dec 15, 2008	20090168161 Jul 2, 2009	8325414 Dec 4, 2012	
METHOD AND APPARATUS FOR SPACING CELLULAR MATTER IN A CELL BLOCK Inventors: Eric BAUR, Steven SCAMPINI	13352901 Jan 18, 2012	20120112384 May 10, 2012		
Asymmetric Radiation Dosing Devices and Methods for Brachytherapy Inventors: Donna Allan, Greg Amante, Moshe Zilversmit, Risa Anav, Gregory K. Edmundson, Maria Benson, Gregory T. Martin, Mukund Patel, F. Mark Payne, James Stubbs, Michael Crocker, Friedrich Ho, Robert Kotmel, Glenn Magnuson, Walter Ocampo, Russel Sampson, Jessica Schenck	11959252 Dec 18, 2007	20080177127 Jul 24, 2008		
PASSIVE VENT FOR BRACHY THERAPY BALLOON CATHETERS Inventors: Maria Benson, Donna Allan, Walter Ocampo	12389577 Feb 20, 2009	20100217064 Aug 26, 2010	8403822 Mar 26, 2013	

Title	Application	Publication	Patent	International Registration Number
SELECTABLE MULTI-LUMEN BRACHYTHERAPY DEVICES AND METHODS Inventors: Donna Allan, Greg Amante	11959227 Dec 18, 2007	20090156880 Jun 18, 2009	8328711 Dec 11, 2012	
Brachytherapy Balloon Features Inventors: Maria Benson, Donna Allan, Walter Ocampo	11949882 Dec 4, 2007	20090143634 Jun 4, 2009		
LUER-TYPE NEEDLE-FREE VALVE FITTING WITH BYPASS Inventors: Russell K. Layton JR.	12371346 Feb 13, 2009	20100211020 Aug 19, 2010	8523826 Sep 3, 2013	
Adjustable surgical cutting instrument and cam system for use in same Inventors: Ronald L. Hofmann, Robert W. Davignon	10941244 Sep 15, 2004	20050085798 Apr 21, 2005		
ADAPTER ASSEMBLY Inventors: Jake Flagle, Joseph L. Mark, Michael E. Miller, Zachary R. Nicoson	11875560 Oct 19, 2007	20090087249 Apr 2, 2009		
SURGICAL SYSTEM Inventors: Michael E. Miller, Jake Flagle, Joseph L. Mark, Zachary R. Nicoson	12020294 Jan 25, 2008	20090088663 Apr 2, 2009		
BIOPSY APPARATUS Inventors: Michael E. Miller, Joseph L. Mark, Charles Butcher, John P. Hancock	10848278 May 18, 2004	20040267157 Dec 30, 2004	8277393 Oct 2, 2012	

Title	Application	Publication	Patent	International Registration Number
Biopsy Apparatus Inventors: Michael E. Miller, Joseph L. Mark, John P. Hancock, Charles Butcher	13175830 Jul 2, 2011	20120059276 Mar 8, 2012		
COMPRESSIBLE DEPLOYMENT DEVICE Inventors: Aaron P. Barr	11852913 Sep 10, 2007	20090069819 Mar 12, 2009		
FLEXIBLE NEEDLE GUIDE Inventors: Joseph L. Mark, Zachary R. Nicoson	11693534 Mar 29, 2007	20070233157 Oct 4, 2007		
Localizing obturator Inventors: Zachary R. Nicoson, Joseph L. Mark	11516277 Sep 6, 2006	20070260267 Nov 8, 2007		
PUSH BUTTON PULL BACK DEVICE Inventors: Brian Zimmer	11944181 Nov 21, 2007	20090131914 May 21, 2009	8298211 Oct 30, 2012	
SECUREMENT FOR A SURGICAL SITE MARKER AND DEPLOYMENT DEVICE FOR SAME Inventors: Joseph L. Mark, Zachary R. Nicoson	13416899 Mar 9, 2012	20120165663 Jun 28, 2012		
SITE MARKER Inventors: Joseph L. Mark	12269501 Nov 12, 2008	20090069670 Mar 12, 2009	8433391 Apr 30, 2013	

Title	Application	Publication	Patent	International Registration Number
SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES Inventors: Zachary R. Nicoson, Phillip M. Leopold	13295825 Nov 14, 2011	20120059256 Mar 8, 2012	8352014 Jan 8, 2013	
SURGICAL SITE MARKER DELIVERY SYSTEM Inventors: Joseph L. Mark	11284677 Nov 22, 2005	20070118034 May 24, 2007	8688198 Apr 1, 2014	
SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY Inventors: Joseph L. Mark	13406477 Feb 27, 2012	20120157967 Jun 21, 2012		
TARGETING OBTURATOR Inventors: Jake Flagle, Zachary R. Nicoson	11961505 Dec 20, 2007	20090163870 Jun 25, 2009		
VACUUM ASSISTED BIOPSY DEVICE Inventors: Zachary R. Nicoson, Jacob Flagle, Michael E. Miller, Joseph L. Mark	13243419 Sep 23, 2011	20120078133 Mar 29, 2012	8430827 Apr 30, 2013	
VACUUM ASSISTED BIOPSY NEEDLE SET Inventors: Joseph L. Mark, Michael E. Miller, Michael Hoffa, Zachary R. Nicoson, Terry D. Hardin, Inderjeet S. Jarial, William O. Hodge	11389274 Mar 24, 2006	20070106176 May 10, 2007	8357103 Jan 22, 2013	

Title	Application	Publication	Patent	International Registration Number
ADAPTER ASSEMBLY FOR STEREOTACTIC BIOPSY Inventors: Michael E. Miller, Joseph L. Mark, Ronald L. Hofmann, Terry D. Hardin	12624194 Nov 23, 2009	20100069787 Mar 18, 2010	8246551 Aug 21, 2012	
Expandable medical devices with reinforced elastomeric members and methods employing the same Inventors: Joseph L. Mark	12285662 Oct 10, 2008	20100094075 Apr 15, 2010		
DEVICE FOR CUSHIONING OF COMPRESSION SURFACES Inventors: Gail Lebovic, George D. Hermann, David Willis, Thomas A. Howell	13351149 Jan 16, 2012	20120114096 May 10, 2012	8705689 Apr 22, 2014	
X-RAY IMAGING WITH X-RAY MARKERS THAT PROVIDE ADJUNCT INFORMATION BUT PRESERVE IMAGE QUALITY Inventors: Baorui Ren, Andrew P. Smith, Zhenxue Jing, Jay Stein, Kenneth F. Defreitas	12150539 Apr 28, 2008	20120093285 Apr 19, 2012	8768026 Jul 1, 2014	
MULTI-MODE TOMOSYNTHESIS/MAMMOGRAPHY GAIN CALIBRATION AND IMAGE CORRECTION USING GAIN MAP INFORMATION FROM SELECTED PROJECTION ANGLES Inventors: Baorui REN, Andrew P. Smith, Zhenxue Jing, Jay Stein	13196518 Aug 2, 2011	20120039437 Feb 16, 2012	8275090 Sep 25, 2012	

Title	Application	Publication	Patent	International Registration Number
Method and system for automatic identification and orientation of medical images Inventors: Keith W. Hartman, Julian Marshall, Alexander C. Schneider, Jimmy R. Roehrig	11634434 Dec 5, 2006	20070076938 Apr 5, 2007	8897564 Nov 25, 2014	
METHOD AND APPARATUS FOR SETTING A DETECTION THRESHOLD IN PROCESSING MEDICAL IMAGES Inventors: Philippe Raffy	11344838 Jan 31, 2006	20070177782 Aug 2, 2007	8275186 Sep 25, 2012	
DISPOSABLE AUTOMATED TISSUE EXCISION AND COLLECTION DEVICE Inventors: Terry D. Hardin, Brian Dougherty	12181860 Jul 29, 2008	20100030104 Feb 4, 2010	8287465 Oct 16, 2012	
POSITIONING MECHANISM FOR AN INTRODUCER DEVICE Inventors: Bryan J. Bowman, Donald Duerson	12469407 May 20, 2009	20090292224 Nov 26, 2009		
ADJUSTABLE SPACER Inventors: Terry D. Hardin	13280253 Oct 24, 2011	20120095365 Apr 19, 2012		
MICROFLUIDIC APPARATUS AND METHOD FOR PREPARING CYTOLOGICAL SPECIMENS Inventors: Howard B. Kaufman, Tuan Ha	12574554 Oct 6, 2009	20100093016 Apr 15, 2010	8460619 Jun 11, 2013	

Title	Application	Publication	Patent	International Registration Number
System and Device for Non-Destructive Raman Analysis Inventors: Victor Mazzio	12179251 Jul 24, 2008	20100020393 Jan 28, 2010		
RADIOPAQUE IMPLANT Inventors: Victor E. Viray, Daniel Rogy, Doug C. Harrington, Jim Duronio, Matthew LaPLACA, Jason John Umhoefer	12773332 May 4, 2010	20110276070 Nov 10, 2011	8550086 Oct 8, 2013	
UNIVERSAL NEEDLE GUIDE Inventors: Charles Butcher, Jacob Flagle	12273295 Nov 18, 2008	20100125283 May 20, 2010		
REAL-TIME PATHOLOGY Inventors: Joseph L. Mark	12834448 Jul 12, 2010	20100280409 Nov 4, 2010		
Estimating Visceral Fat By Dual-Energy X-Ray Absorptiometry Inventors: Thomas Kelly, Kevin E. Wilson, Christopher Ruth	12730051 Mar 23, 2010	20100234719 Sep 16, 2010		
VISCERAL FAT MEASUREMENT Inventors:	13045966 Mar 11, 2011	20110235886 Sep 29, 2011	8965097	
MEASURING INTRAMUSCULAR FAT Inventors: Thomas L. Kelly, Kevin E. Wilson	13217688 Aug 25, 2011	20110311122 Dec 22, 2011	8792689 Jul 29, 2014	

Title	Application	Publication	Patent	International Registration Number
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Full Field Mammography With Tissue Exposure Control, Tomosynthesis, And Dynamic Field Of View Processing	13111618 May 19, 2011	20110216879 Sep 8, 2011	8416915 Apr 9, 2013	
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Inventors: Zhenxue JING, Georgia Hitzke, Donald Kennedy, Andrew Smith, Jay A. Stein

MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID	13190989 Jul 26, 2011	20120020456 Jan 26, 2012	8559595 Oct 15, 2013	
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Inventors: Kenneth F. Defreitas, Anthony Pellegrino, Thomas A. Farbizio, Roman Janer, Georgia Hitzke

REDUCING FALSE POSITIVES IN COMPUTER-AIDED DETECTION	13451302 Apr 19, 2012	20120201444 Aug 9, 2012	8805049 Aug 12, 2014	
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Inventors: Paul Chan, Keith W. Hartman

Displaying And Navigating Computer-Aided Detection Results On A Review Workstation	13453704 Apr 23, 2012	20120210272 Aug 16, 2012	8553958 Oct 8, 2013	
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Inventors: Jimmy R. Roehrig, Julian Marshall

Title	Application	Publication	Patent	International Registration Number
COMPUTER-AIDED DETECTION OF ANATOMICAL ABNORMALITIES IN X-RAY TOMOSYNTHESIS IMAGES Inventors: Chukka SRINIVAS, Julian MARSHALL, Xiangwei ZHANG, Haili CHUI, Kevin A. KREEGER, Wei ZHANG	12415972 Mar 31, 2009	20100246913 Sep 30, 2010	8223916 Jul 17, 2012	
SYSTEM AND METHOD FOR LOW DOSE TOMOSYNTHESIS Inventors: Jay Stein, Andrew Smith, Zhenzue Jing, Loren Niklason	12397013 Mar 3, 2009	20120263273 Oct 18, 2012	8565372 Oct 22, 2013	
INTEGRATED MULTI-MODE MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM AND METHOD Inventors: Kenneth Defreitas, Tom Farbizio, Baori Ren, Chris Ruth, Ian Shaw, Andrew Smith, Jay Stein	13462342 May 2, 2012	20120219111 Aug 30, 2012	8565374 Oct 22, 2013	
CERVICAL OPENING SEALING DEVICES Inventors: Russell K. Layton JR., Lionel Stewart MacLean, David Freed, Brian Hanley	12696930 Jan 29, 2010	20100198214 Aug 5, 2010	8597289 Dec 3, 2013	
ABLATION DEVICE WITH SUCTION CAPABILITY Inventors: David Freed	12717017 Mar 3, 2010	20100228239 Sep 9, 2010		

Title	Application	Publication	Patent	International Registration Number
Imaging Device for Fused Mammography with Independantly Moveabe Imaging Systems of Different Modalities Inventors: Jasjit Suri, Cara Coad, Idris A. Elbakri, Timothy J. Danielson, Roman Janer	11658952 Mar 3, 2010	20100191104 Jul 29, 2010	8644908 Feb 4, 2014	
Device and Method for Displaying Feature Marks Related to Features in Three Dimensional Images on Review Stations Inventors: Huzefa F. Neemuchwala, Ashwini Kshirsagar	12330176 Dec 8, 2008	20100141654 Jun 10, 2010		
TOMOSYNTHESIS WITH SHIFTING FOCAL SPOT AND OSCILLATING COLLIMATOR BLADES Inventors: Baorui Ren, Andrew Smith, Tom Farbizio, Zhenxue Jing, Jay Stein	12849294 Aug 3, 2010	20110188624 Aug 4, 2011	8515005 Aug 20, 2013	
METHOD AND SYSTEM FOR CONTROLLING X-RAY FOCAL SPOT CHARACTERISTICS FOR TOMOYSYTHESIS AND MAMMOGRAPHY IMAGING Inventors: Baorui Ren, Jay Stein, Zhenxue Jing, Andrew Smith	12623472 Nov 23, 2009	20100303202 Dec 2, 2010	8457282 Jun 4, 2013	
METHODS AND SYSTEMS FOR DETECTING POSSIBLE ERROR IN PATIENT POSITION Inventors: Andrew P. Smith, Julian Marshall	13229147 Sep 9, 2011	20120063567 Mar 15, 2012	8571174 Oct 29, 2013	

Title	Application	Publication	Patent	International Registration Number
METHODS AND SYSTEMS FOR DYNAMICALLY MODIFYING ACQUISITION PARAMETER DURING IMAGE ACQUISITION Inventors: Andrew P. Smith, Julian Marshall	13229052 Sep 9, 2011	20120063566 Mar 15, 2012	8744041 Jun 3, 2014	
METHOD FOR BREAST SCREENING IN FUSED MAMMOGRAPHY Inventors: Jasjit S. Suri, Yajie Sun, Roman Janer	11632078 Oct 20, 2008	20100111379 May 6, 2010	8326006 Dec 4, 2012	
DETECTION OF NUCEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE CLEAVAGES Inventors: Jeff G. Hall, Victor I. Lyamichev, Andrea L. Mast, Mary Ann D. Brow	12099656 Apr 8, 2008	20080268455 Oct 30, 2008	8288093 Oct 16, 2012	
KITS FOR DETECTION OF NUCLEIC ACIDS Inventors: Hatim T. Allawi, Victor Lyamichev	13479634 May 24, 2012	20120231461 Sep 13, 2012		
DETECTION OF SMALL NUCLEIC ACIDS Inventors: James E. Dahlberg, Victor Lyamichev, Marilyn C. Olson-Munoz, Sarah M. Olson, Hatim T. Allawi, Bruce P. Neri, LuAnne Chehak	13368191 Feb 7, 2012	20120149018 Jun 14, 2012	8609336 Dec 17, 2013	

Title	Application	Publication	Patent	International Registration Number
Detection Of HPV Inventors: Angela Hudson, Tamara Sander, Poonam Agarwal, Michelle Garsha, Hon Ip, Robert W. Kwiatkowski JR., Vecheslav Elagin, Marilyn Olson-Munoz, Michelle Curtis, Sarah Olson, Ilse Tyler	11857942 Sep 19, 2007	20080176215 Jul 24, 2008	8389245 Mar 5, 2013	
COMPOSITIONS, PROBES, AND CONJUGATES AND USES THEREOF Inventors: Sarah R. Wayland, Zbigniew Skrzypczynski	13214948 Aug 22, 2011	20120010395 Jan 12, 2012	8552173 Oct 8, 2013	
T-STRUCTURE INVASIVE CLEAVAGE ASSAYS, CONSISTENT NUCLEIC ACID DISPENSING, AND LOW LEVEL TARGET NUCLEIC ACID DETECTION Inventors: Hatim Taysir Allawi, Vecheslav A. Elagin, Victor A. Lyamichev, Kwok Wu, Walter Iszczyszyn, Chris Fleming, LuAnne Chehak, Scott M. Law	12840015 Jul 20, 2010	20100285488 Nov 11, 2010	8354232 Jan 15, 2013	
SNAP-BACK PRIMERS AND DETECTABLE HAIRPIN STRUCTURES Inventors: Jeff G. Hall, Andrew A. Lukowiak, Patrick Peterson	11866663 Oct 3, 2007	20090142752 Jun 4, 2009	8445238 May 21, 2013	

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS AND METHODS FOR ANALYSIS OF NUCLEIC ACID MOLECULES DURING AMPLIFICATION REACTIONS Inventors: Hatim T. Allawi, Victor I. Lyamichev	12404240 Mar 13, 2009	20090253142 Oct 8, 2009		
Flexible Multi-Lumen Brachytherapy Device Inventors: John Damarati	12369214 Feb 11, 2009	20100204534 Aug 12, 2010		
System and Method for Modifying a Flexibility of a Brachythereapy Catheter Inventors: John Damarati	12369236 Feb 11, 2009	20100204535 Aug 12, 2010		
Lumen Visualization and Identification System for Multi- Lumen Balloon Catheter Inventors: Maria Benson	12463463 May 11, 2009	20100286465 Nov 11, 2010		
CATHETER MARKING FOR MULTI- LUMEN CATHETER IDENTIFICATION Inventors: Maria Benson	12463466 May 11, 2009	20100286466 Nov 11, 2010	8382650 Feb 26, 2013	
SYSTEM AND METHOD FOR GENERATING A 2D IMAGE FROM A TOMOSYNTHESIS DATA SET Inventors: Chris Ruth, Andrew Smith, Jay Stein	12471981 May 26, 2009	20100135558 Jun 3, 2010	8571289 Oct 29, 2013	

Title	Application	Publication	Patent	International Registration Number
SURGICAL SYSTEM Inventors: Michael Hoffa, Michael E. Miller, Jacob Flagle, Jason M. Butcher, Joseph L. Mark, Justin Smith	12496316 Jul 1, 2009	20110004119 Jan 6, 2011	8529468 Sep 10, 2013	
System and Method for Molecular Breast Imaging with Biopsy Capability and Improved Tissue Coverage Inventors: Baorui Ren, Andrew P. Smith, Jay Stein, Ken Brooks, Jing Zhenxue	12422796 Apr 13, 2009	20100261997 Oct 14, 2010		
INTRODUCER LOCALIZATION ASSEMBLIES Inventors: Inderjeet S. Jarial, Jason M. Butcher, Jacob Flagle, Jason Germann, Zachary R. Nicoson, William O. Hodge, Samantha Perkins, Joseph L. Mark, Aaron P. Barr, Michael Hoffa	12612422 Nov 4, 2009	20100114031 May 6, 2010		
X-RAY MAMMOGRAPHY WITH TOMOSYNTHESIS Inventors: Kenneth F. DeFreitas, Baorui Ren, Chris Ruth, Jay A. Stein, Ian Shaw, Andrew P. Smith	12879807 Sep 10, 2010	20110069808 Mar 24, 2011	8452379 May 28, 2013	
IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS Inventors: Nikolaos A. GKANATSIOS, Loren Niklason, Ian Shaw, Christopher Ruth, Jay A. Stein, Andrew P. Smith	13027771 Feb 15, 2011	20110135185 Jun 9, 2011	8285020 Oct 9, 2012	

Title	Application	Publication	Patent	International Registration Number
IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS Inventors: Nikolaos A. Gkanatsios, Loren Niklason, Ian Shaw, Jay A. Stein, Andrew P. Smith, Christopher Ruth	12344121 Dec 24, 2008	20090141859 Jun 4, 2009		
DETECTING AND QUANTIFYING PATIENT MOTION DURING TOMOSYNTHESIS SCANS Inventors: Baorui Ren, Loren Niklason, Andrew Smith, Zhenxue Jing, Jay Stein	13198352 Aug 4, 2011	20120033868 Feb 9, 2012		
INTEGRATED BREAST X-RAY AND MOLECULAR IMAGING SYSTEM Inventors: Jay Stein, Baorui Ren, Ken Brooks, Ian Shaw, Ken F. DeFreitas, Andrew P. Smith, Jing Zhenxue	12422806 Apr 13, 2009	20100260316 Oct 14, 2010	8217357 Jul 10, 2012	
TETHERED IMPLANT AND RELATED METHOD OF USE Inventors: Matthew LaPlaca, David Callaghan, Jeffrey Model, James Duronio, Mark Putnam	13091881 Apr 21, 2011	20120266892 Oct 25, 2012		
Displaying Computer-Aided Detection Information With Associated Breast Tomosynthesis Image Information Inventors: Kevin A. Kreeger, Julian Marshall, Georgia K. Hitzke, Haili Chui	12899523 Oct 6, 2010	20110109650 May 12, 2011	8547402 Oct 1, 2013	

Title	Application	Publication	Patent	International Registration Number
SELECTIVE DISPLAY OF COMPUTER-AIDED DETECTION FINDINGS WITH ASSOCIATED BREAST X-RAY MAMMOGRAM AND/OR TOMOSYNTHESIS IMAGE INFORMATION	12899527 Oct 6, 2010	20110110576 May 12, 2011	8326012 Dec 4, 2012	
Inventors: Kevin A. Kreeger, Julian Marshall, Georgia K. Hitzke, Haili Chui				
METHODS AND SYSTEMS FOR COLLECTING CELLS OF A BIOLOGICAL SPECIMEN	12558400 Sep 11, 2009	20110062087 Mar 17, 2011	8669118 Mar 11, 2014	
Inventors: Howard B. Kaufman, Barry Hunt				
Implant Delivery Device	12646317 Dec 23, 2009	20110146692 Jun 23, 2011		
Inventors: David J. Callaghan, Jeffrey Model, Matthew LaPlaca				
Breast biopsy and needle localization using tomosynthesis systems	11707587 Feb 15, 2007	20080045833 Feb 21, 2008	8532745 Sep 10, 2013	
Inventors: Kenneth F. Defreitas, Ian M. Shaw, John Laviola, Loren Thomas Niklason, Tao Wu, Joseph L. Mark, Michael E. Miller, Jay A. Stein, Andrew P. Smith				
Vial Assembly, Sampling Apparatus And Method For Processing Liquid- Based Specimens	11667296 May 8, 2007	20070287193 Dec 13, 2007		
Inventors: Norman J. Pressman, William J. Mayer				

Title	Application	Publication	Patent	International Registration Number
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UPRIGHT X-RAY BREAST IMAGING WITH A CT MODE, MULTIPLE TOMOSYNTHESIS MODES, AND A MAMMOGRAPHY MODE	13253728 Oct 5, 2011	20120114095 May 10, 2012	8787522 Jul 22, 2014	
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Inventors: Andrew Paul Smith, Jay A. Stein, Ken Defreitas, Ian Shaw, Zhenxue Jing, Loren Niklason, Baorui Ren, Christopher Ruth

SYSTEM AND METHOD FOR GENERATING ENHANCED DENSITY DISTRIBUTION IN A THREE DIMENSIONAL MODEL OF A STRUCTURE FOR USE IN SKELETAL ASSESSMENT USING A LIMITED NUMBER OF TWO-DIMENSIONAL VIEWS	12727496 Mar 19, 2010	20110231162 Sep 22, 2011	8693634 Apr 8, 2014	
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Inventors: Krishna Ramamurthi, Kevin Wilson

MATCHING GEOMETRY GENERATION AND DISPLAY OF MAMMOGRAMS AND TOMOSYNTHESIS IMAGES	13418851 Mar 13, 2012	20120195484 Aug 2, 2012	8712127 Apr 29, 2014	
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Inventors: Baorui Ren, Christopher Ruth, Andrew P. Smith, Kevin Wilson, Jay A. Stein

Needle Breast Biopsy System and Method for Use	12715591 Mar 2, 2010	20110087132 Apr 14, 2011		
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Inventors: Kenneth DeFreitas, Ian Shaw, John LaViola, Kathleen Pickett, Christopher Ruth, Nikolaos A. Gkanatsios, Aaron Fand

Title	Application	Publication	Patent	International Registration Number
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ESTIMATING RISK OF FUTURE BONE FRACTURE UTILIZING THREE-DIMENSIONAL BONE DENSITY MODEL	12452310 Aug 25, 2010	20100310141 Dec 9, 2010	8634629 Jan 21, 2014	
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Inventors: Kevin E. Wilson

BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS	13358913 Jan 26, 2012	20120121155 May 17, 2012	8571292 Oct 29, 2013	
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Inventors: Chris RUTH, Jay STEIN,
Loren NIKLASON, Andrew SMITH

Integrating Auxiliary Detection And Voting Algorithms Into Clinical CAD Workflow	12916478 Oct 29, 2010	20110103675 May 5, 2011	8565506 Oct 22, 2013	
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Inventors: Julian Marshall, Kevin A.
Kreeger

DEDICATED BREAST RADIATION IMAGING/THERAPY SYSTEM	13109460 May 17, 2011	20110237927 Sep 29, 2011	8254521 Aug 28, 2012	
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Inventors: Kenneth BROOKS, Jay A.
Stein, Andrew P. Smith

SYSTEM FOR IMPROVED TISSUE-HANDLING AND IN LINE ANALYSIS OF THE TISSUE	13383318 Jan 10, 2012	20130231585 Sep 5, 2013		
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Inventors: Jacob Flagle, Chia Yee
Ang, Kenneth F. DeFreitas, Ian Shaw,
John LaViola, Samantha Perkins,
Zachary R. Nicoson

Title	Application	Publication	Patent	International Registration Number
METHOD FOR AUTOMATICALLY SEEDING PREVIOUSLY-CLASSIFIED IMAGES AMONG IMAGES OF OBJECTS OF INTEREST FROM A SPECIMEN Inventors: Howard B. Kaufman	13427251 Mar 22, 2012	20120243755 Sep 27, 2012	8983166 Mar 17, 2015	
Securing a Marker Wire Inventors:	13083719 Apr 11, 2011	20120259207 Oct 11, 2012	8983576	
Orienting a Brachytherapy Applicator Inventors: Maria Benson	12985401 Jan 6, 2011	20120178983 Jul 12, 2012		
Using a Guide Member to Facilitate Brachytherapy Device Swap Inventors: Maria Benson	12894888 Sep 30, 2010	20120083646 Apr 5, 2012		
CONSTANT RATE DELIVERY DEVICE Inventors: Matthew LaPlaca	13036686 Feb 28, 2011	20120216815 Aug 30, 2012	8479742 Jul 9, 2013	
IMPLANT DELIVERY DEVICE WITH EXPANDING TIP Inventors: Matthew LaPlaca, David Callaghan, Mark Putnam, Jeffrey Model	12940698 Nov 5, 2010	20120111336 May 10, 2012	8550087 Oct 8, 2013	
LOCALIZING OBTURATOR WITH SITE MARKING CAPABILITY Inventors: Michael Hoffa	12888641 Sep 23, 2010	20120078086 Mar 29, 2012	8554309 Oct 8, 2013	

Title	Application	Publication	Patent	International Registration Number
Tissue Localization Device and Method Inventors: Kyle S. Curry	12888801 Sep 23, 2010	20120078087 Mar 29, 2012		
NEEDLE BIOPSY DEVICE AND RELATED METHOD Inventors: Justin Smith	13192073 Jul 27, 2011	20130030323 Jan 31, 2013	8540645 Sep 24, 2013	
LUMEN OCCLUSION DETECTION Inventors: Russell Layton	12950901 Nov 19, 2010	20120130272 May 24, 2012		
APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS Inventors: Howard B. Kaufman, Tuan Ha	13032517 Feb 22, 2011	20120214227 Aug 23, 2012	8329121 Dec 11, 2012	
Immunoassay Test Strip For Use in a Diagnostic System Inventors: Lina Baydoun	13250028 Sep 30, 2011	20120082598 Apr 5, 2012	8647888 Feb 11, 2014	
OPEN ARCHITECTURE IMAGING APPARATUS AND COIL SYSTEM FOR MAGNETIC RESONANCE IMAGING Inventors: Cameron Anthony Piron, Christopher Alexander Luginbuhl, Donald B. Plewes	12139123 Jun 13, 2008	20080306377 Dec 11, 2008	8571632 Oct 29, 2013	
System and Method for Multimodality Breast Imaging Inventors: Cameron Anthony Piron, Christopher Alexander Luginbuhl, Jae Koul Kim	11949445 Dec 3, 2007	20080077005 Mar 27, 2008		

Title	Application	Publication	Patent	International Registration Number
Open Architecture Imaging Apparatus and Coil System for Magnetic Resonance Imaging Inventors: Cameron Anthony Piron, Christopher Alexander Luginbuhl, Donald B. Plewes	13112208 May 20, 2011	20120172704 Jul 5, 2012	8560051 Oct 15, 2013	
OPEN ARCHITECTURE TABLETOP PATIENT SUPPORT AND COIL SYSTEM Inventors: Cameron Piron, Han Wang, Joshua Richmond, Jakub Jankowski, Chris Luginbuhl	12277061 Nov 24, 2008	20090216110 Aug 27, 2009	8290569 Oct 16, 2012	
SPECIALIZED TABLETOPS FOR MEDICAL IMAGING Inventors: Christopher Alexander Luginbuhl, Cameron Anthony Piron, Donald B. Plewes	13027870 Feb 15, 2011	20110173753 Jul 21, 2011		
SYSTEM AND METHOD FOR IMAGE-GUIDED THERAPY PLANNING AND PROCEDURE Inventors: Cynthia Maier	12402311 Mar 11, 2009	20090234175 Sep 17, 2009	8333685 Dec 18, 2012	
Post-Acquisition Adaptive Reconstruction of MRI Data Inventors: Cameron Anthony Piron, Jae Koul Kim	13412043 Mar 5, 2012	20120275675 Nov 1, 2012	8509513 Aug 13, 2013	

Title	Application	Publication	Patent	International Registration Number
CHEST WALL COIL ARRAY FOR BREAST IMAGING Inventors: Cameron Anthony Piron, Han Wang, Mariana Garcia Coni, Chris Luginbuhl, Joshua Richmond, Jakub Jankowski	12277057 Nov 24, 2008	20090149738 Jun 11, 2009	8374676 Feb 12, 2013	
Biomarkers for Detection of Neonatal Sepsis in Biological Fluid Inventors: Srinivasa Nagalla, Michael Gravett	12693387 Jan 25, 2010	20100190652 Jul 29, 2010		
DETECTION OF INTRAAMNIOTIC INFECTION Inventors: Thomas H. Grove	12952017 Nov 22, 2010	20110184254 Jul 28, 2011	8663576 Mar 4, 2014	
USER INTERFACE FOR MEDICAL IMAGE REVIEW WORKSTATION Inventors: Julian Marshall, Chinghsiang Chang, Brian T. Matuska, Edgar W. Chen	13302277 Nov 22, 2011	20120133600 May 31, 2012		
USER INTERFACE FOR MEDICAL IMAGE REVIEW WORKSTATION Inventors: Julian Marshall, Chinghsiang Chang, Brian T. Matuska, Edgar W. Chen	13302465 Nov 22, 2011	20120133601 May 31, 2012		
Systems and Methods for Trans- Orifice and Transperineal Intervention Inventors: Axel Krieger, Stephen Abellera, Christine Iris Elliott, Jeremy Bluvol, Cameron Piron, Chris Luginbuhl	13304573 Nov 25, 2011	20120203095 Aug 9, 2012		

Title	Application	Publication	Patent	International Registration Number
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MRI Imaging Probe

Inventors: Axel Krieger, Daniel
Wayers, Kenneth Bradshaw, Stephen
Aballera, Christine Iris Elliott,
Cameron Piron, Chris Luglnbuhl, Alex
Wang

13304583Nov 25,
2011**20120242337**

Sep 27, 2012

**System and Method for Fusing
Three Dimensional Image Data from
a Plurality of Different Imaging
Systems for Use in Diagnostic
Imaging**

Inventors: Kenneth F. DeFreitas, Ian
Shaw

13325495Dec 14,
2011**20120150034**

Jun 14, 2012

**System and Method for Fusing
Computer Assisted Detection in a
Multi-Modality, Multi-Dimensional
Breast Imaging Environment**

Inventors: Julian Marshall, John
LaViola, Andrew Smith

13440219

Apr 5, 2012

20120256920

Oct 11, 2012

**SYSTEMS AND METHODS FOR
PREVENTING INTRAVASATION
DURING INTRAUTERINE
PROCEDURES**

Inventors: William H. Gruber, Ronald
D. Adams, Kevin G. Connors, James
Daniel Cole, J. Christopher Flaherty,
Geoffrey B. Pardo

12842775Jul 23,
2010**20110054488**

Mar 3, 2011

8834487Sep 16,
2014

Title	Application	Publication	Patent	International Registration Number
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SYSTEMS FOR PERFORMING GYNECOLOGICAL PROCEDURES WITH CLOSED VISUALIZATION LUMEN	11852121 Sep 7, 2007	20080097468 Apr 24, 2008	8840625 Sep 23, 2014	
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Inventors: Ronald D. Adams, William H. Gruber, Kevin G. Connors, Geoffrey B. Pardo, James Daniel Cole, J. Christopher Flaherty

SYSTEMS FOR PERFORMING GYNECOLOGICAL PROCEDURES WITH SIMULTANEOUS TISSUE CUTTING AND REMOVAL	11852200 Sep 7, 2007	20080097471 Apr 24, 2008	8840626 Sep 23, 2014	
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Inventors: Ronald D. Adams, William H. Gruber, Kevin G. Connors, Geoffrey B. Pardo, James Daniel Cole, J. Christopher Flaherty

SYSTEMS FOR PERFORMING GYNECOLOGICAL PROCEDURES WITH MECHANICAL DISTENSION	11852151 Sep 7, 2007	20080097470 Apr 24, 2008	8647349 Feb 11, 2014	
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Inventors: William H. Gruber, Ronald D. Adams, Kevin G. Connors, Geoffrey B. Pardo, James Daniel Cole, J. Christopher Flaherty

SYSTEM AND METHOD FOR DUAL ENERGY AND/OR CONTRAST ENHANCED BREAST IMAGING FOR SCREENING, DIAGNOSIS AND BIOPSY	13415675 Mar 8, 2012	20120238870 Sep 20, 2012	9020579 Apr 28, 2015	
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Inventors: Andrew P. Smith, Jay A. Stein, Zhenxue Jing, Baorui Ren, Loren Niklason, Christopher Ruth, Ian Shaw

Title	Application	Publication	Patent	International Registration Number
METHODS FOR PERFORMING A MEDICAL PROCEDURE Inventors: Ronald D. Adams, William H. Gruber, David L. Foshee, Theodore J. Mosler, Douglas R. Drew	11923482 Oct 24, 2007	20080146873 Jun 19, 2008		
MECHANICAL DISTENSION SYSTEMS FOR PERFORMING A MEDICAL PROCEDURE IN A REMOTE SPACE Inventors: William H. Gruber, Ronald D. Adams, David L. Foshee, Douglas R. Drew, Theodore J. Mosler	11923357 Oct 24, 2007	20080146872 Jun 19, 2008		
METHODS, SYSTEMS AND DEVICES FOR PERFORMING GYNECOLOGICAL PROCEDURES Inventors: William Harwick Gruber, Ronald David Adams, J. Christopher Flaherty	13216046 Aug 23, 2011	20120067352 Mar 22, 2012		
METHOD AND DEVICE FOR DISTENDING A GYNECOLOGICAL CAVITY Inventors: William H. Gruber, Ronald D. Adams, Michael A. Lorenz, Ryan S. Crisp, Jeffrey Radziunas, Chris W. Clcenas, Brent L. Burchfield, Paul DiCesare, Daniel Vigliotti	11951853 Dec 6, 2007	20080249534 Oct 9, 2008		
SYSTEMS, METHODS AND DEVICES FOR PERFORMING GYNECOLOGICAL PROCEDURES Inventors: William Harwick Gruber	12098224 Apr 4, 2008	20080245371 Oct 9, 2008	8528563 Sep 10, 2013	

Title	Application	Publication	Patent	International Registration Number
ACCESS DEVICE WITH ENHANCED WORKING CHANNEL Inventors: Eric Karl Litscher, Danny Macari, Albert Chun-Chi Chin, Ronald David Adams, William Harwick Gruber	12432647 Apr 29, 2009	20090270812 Oct 29, 2009		
LOW ADVANCE RATIO, HIGH RECIPROCATION RATE TISSUE REMOVAL DEVICE Inventors: William Lucas Churchill, Roy Hewitt Sullivan, Albert Chun-Chi Chin, Eric Karl Litscher, Ronald David Adams, William Harwick Gruber	12432675 Apr 29, 2009	20090270895 Oct 29, 2009		
TISSUE CUTTER WITH DIFFERENTIAL HARDNESS Inventors: Roy Hewitt Sullivan, Albert Chun-Chi Chin, Eric Karl Litscher, William Lucas Churchill, David Jacobs, Ronald David Adams, William Harwick Gruber	12432686 Apr 29, 2009	20090270896 Oct 29, 2009		
METHODS OF HIGH RATE, LOW PROFILE TISSUE REMOVAL Inventors: Ronald David Adams, Albert Chun-Chi Chin, Roy Hewitt Sullivan, Eric Karl Litscher, William Lucas Churchill, William Harwick Gruber	12432691 Apr 29, 2009	20090270897 Oct 29, 2009	8951274 Feb 10, 2015	

Title	Application	Publication	Patent	International Registration Number
TISSUE REMOVAL DEVICE WITH HIGH RECIPROCATION RATE Inventors: Albert Chun-Chi Chin, Roy Hewitt Sullivan, Eric Karl Litscher, William Lucas Churchill, Ronald David Adams, David Jacobs, William Harwick Gruber	12432702 Apr 29, 2009	20090270898 Oct 29, 2009		
SYSTEMS, METHODS AND DEVICES FOR USING A FLOWABLE MEDIUM FOR DISTENDING A HOLLOW ORGAN Inventors: RONALD DAVID ADAMS, WILLIAM HARWICK GRUBER	12565620 Sep 23, 2009	20100087798 Apr 8, 2010		
HYSTEROSCOPIC TISSUE REMOVAL SYSTEM WITH IMPROVED FLUID MANAGEMENT AND/OR MONITORING CAPABILITIES Inventors: Ronald David Adams, Nicole Marie Shugrue	13341136 Dec 30, 2011	20120172888 Jul 5, 2012	8568424 Oct 29, 2013	
ACCESS SYSTEM WITH REMOVABLE OUTFLOW CHANNEL Inventors: Ronald David Adams, Eric Karl Litscher	13179430 Jul 8, 2011	20120010464 Jan 12, 2012		
TISSUE REMOVAL SYSTEM Inventors: Albert Chun-Chi Chin, Roy Hewitt Sullivan, Matthew John Whitney	13344545 Jan 5, 2012	20120172889 Jul 5, 2012		

Title	Application	Publication	Patent	International Registration Number
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SYSTEM FOR USE IN PERFORMING A MEDICAL PROCEDURE AND INTRODUCER DEVICE SUITABLE FOR USE IN SAID SYSTEM	12098318 Apr 4, 2008	20080249366 Oct 9, 2008		
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Inventors: William Harwick Gruber, Ronald David Adams, Albert Chun-Chi Chin, Eric Karl Litscher, David Jacobs, Danny Macari, Frank V. Patterson, Christopher Patrick Tellers, Mark Thomas Erson, David L. Foshee, Theodore J. Mosler, Douglas R. Drew

METHOD, SYSTEM AND DEVICE FOR TISSUE REMOVAL	12098250 Apr 4, 2008	20080249553 Oct 9, 2008	8574253 Nov 5, 2013	
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Inventors: William Harwick Gruber, Ronald David Adams, Albert Chun-Chi Chin, Erik Karl Litscher, Roy Hewitt Sullivan, Paul DiCesare, Jeffrey Radziunas, Daniel Vigliotti, Bryan Dale Knodel, Chris Scott Daniels, Kevin J. Vititoe, Michael Anthony Lorenz, Paul P. Kolada, Ryan Scott Crisp, Chris William Cicenas, Ludwin M. Mora, Brent Lee Burchfield

METHODS AND SYSTEMS FOR CONTROLLED THERMAL TISSUE	12711770 Feb 24, 2010	20100217250 Aug 26, 2010		
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Inventors: Russel M. Sampson

SYSTEM AND METHOD FOR TISSUE ABLATION IN A BODY CAVITY	13347501 Jan 10, 2012	20130178738 Jul 11, 2013	8814796 Aug 26, 2014	
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Inventors: Gregory T. Martin, William L. Churchill, Daniel Beaudet, Robert F. Rioux

Title	Application	Publication	Patent	International Registration Number
INDEPENDENTLY ROTATABLE DETECTOR PLATE FOR MEDICAL IMAGING DEVICE Inventors: John Jenkins, Mark Guetersloh, Aleksey Danilkin, Tri Pham	13223866 Sep 1, 2011	20130058462 Mar 7, 2013		
VARIABLE STIFFNESS FLEXURE Inventors: Daniel A. Beaudet, Thomas C. Kochem, Stephen Perry	13447728 Apr 16, 2012	20130269705 Oct 17, 2013		
FLUID RADIATION SHIELD FOR BRACHYTHERAPY Inventors: Gregory T. Martin	11895559 Aug 24, 2007	20090054721 Feb 26, 2009	8303477 Nov 6, 2012	
Diagnosis of fetal aneuploidy Inventors: Ron Rosenfeld, Srinivasa Nagalla	11232335 Sep 20, 2005	20060094039 May 4, 2006		
SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES Inventors: Michael E. Miller, Michael Hoffa, Joseph L. Mark, Zachary R. Nicoson	11242334 Oct 3, 2005	20060173296 Aug 3, 2006	8280486 Oct 2, 2012	
VACUUM ASSISTED BIOPSY NEEDLE SET Inventors: Joseph L. Mark	12124949 May 21, 2008	20080221481 Sep 11, 2008	8231544 Jul 31, 2012	

Title	Application	Publication	Patent	International Registration Number
SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES Inventors: Zachary R. Nicoson, Brian Zimmer, Joseph L. Mark, Nicholas Terwiske, Laresha Fluker	12133212 Jun 4, 2008	20080269603 Oct 30, 2008	8442623 May 14, 2013	
SYSTEM AND METHOD FOR PROCESSING AND READING INFORMATION ON A BIOLOGICAL SPECIMEN SLIDE Inventors: Michael Zahniser	12335348 Dec 15, 2008	20090161930 Jun 25, 2009		
STERILIZATION DEVICE AND METHOD Inventors: David Callaghan, Matthew LaPlaca, Jeffrey Model, Mark Putnam, James Duronio	12692057 Jan 22, 2010	20110180073 Jul 28, 2011	8231619 Jul 31, 2012	
ABLATION DEVICE Inventors: Russel M. Sampson, Eugene V. Skalny	12719714 Mar 8, 2010	20100160908 Jun 24, 2010	8277445 Oct 2, 2012	
TUBAL LIGATION Inventors: Annette M.L. McClellan, Todd S. Parker, Karri L. Schlegel, Steven C. Eror, Scott B. McClellan	12109638 Apr 25, 2008	20090084386 Apr 2, 2009		
Methods And Apparatus For Occlusion Of Body Lumens Inventors: Michael P. Brenzel, Paul J. Hindrichs, Richard G. Cornelius	12532131 Mar 1, 2010	20100163054 Jul 1, 2010	8443808 May 21, 2013	

Title	Application	Publication	Patent	International Registration Number
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OLIGONUCLEOTIDES FOR DETECTING HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE	12965728 Dec 10, 2010	20110223584 Sep 15, 2011	8501410 Aug 6, 2013	
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Inventors: Patricia Gordon, Nick M. Carter, Steven T. Brentano, Philip W. Hammond

TEMPERATURE-CONTROLLED INCUBATOR HAVING A RECEPTACLE MIXING MECHANISM	11875285 Oct 19, 2007	20080063573 Mar 13, 2008	8337753 Dec 25, 2012	
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Inventors: Kelly G. AMMANN, Robert E. SCHNEIDER, Robert J. SMITH

Automated analyzer for performing a nucleic Acid-based assay	11873818 Oct 17, 2007	20080268528 Oct 30, 2008		
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert E. Schneider, Robert J. Smith

METHOD FOR AGITATING THE CONTENTS OF A REACTION RECEPTACLE WITHIN A TEMPERATURE-CONTROLLED ENVIRONMENT	11875306 Oct 19, 2007	20090067280 Mar 12, 2009	8318500 Nov 27, 2012	
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Inventors: Kelly G. Ammann, Robert E. Schneider, Robert J. Smith

METHOD FOR INTRODUCING A FLUID INTO A REACTION RECEPTACLE CONTAINED WITHIN A TEMPERATURE-CONTROLLED ENVIRONMENT	11928219 Oct 30, 2007	20080102527 May 1, 2008	8309358 Nov 13, 2012	
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Inventors: Kelly G. AMMANN, Robert E. SCHNEIDER, Robert J. SMITH

Title	Application	Publication	Patent	International Registration Number
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METHOD FOR PERFORMING AN ASSAY WITH A NUCLEIC ACID PRESENT IN A SPECIMEN	11931722 Oct 31, 2007	20080241837 Oct 2, 2008	8569019 Oct 29, 2013	
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert E. Schneider, Robert J. Smith

Automated System for Performing Nucleic Acid-Based Amplification Reactions	12241349 Sep 30, 2008	20090029877 Jan 29, 2009		
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Inventors: Kelly G. AMMANN, Ralph E. BURNS, Ernest V. Hansberry, Glenn A. HORNER, Cheryl A. JAKUB, Robert E. Schneider, Robert J. SMITH, Donald J. NIEGLOS, John E. KLING

METHOD FOR SIMULTANEOUSLY PERFORMING MULTIPLE AMPLIFICATION REACTIONS	12241350 Sep 30, 2008	20090029871 Jan 29, 2009	8569020 Oct 29, 2013	
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Inventors: Kelly G. AMMANN, Ralph E. BURNS, Ernest V. Hansberry, Glenn A. HORNER, Cheryl A. JAKUB, Donald J. NIEGLOS, Robert E. Schneider, Robert J. SMITH, John E. KLING

METHOD FOR DETECTING THE PRESENCE OF A NUCLEIC ACID IN A SAMPLE	12241353 Sep 30, 2008	20090029352 Jan 29, 2009	8546110 Oct 1, 2013	
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Inventors: Kelly G. AMMANN, Ralph E. Burns, Ernest V. Hanserry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert E. Schneider, Robert J. Smith

Title	Application	Publication	Patent	International Registration Number
Method and Apparatus for Stripping a Contact-Limiting Element from a Pipette Probe Inventors: Robert J. Smith	12335818 Dec 16, 2008	20090098023 Apr 16, 2009	8580574 Nov 12, 2013	
SYSTEM FOR INCUBATING THE CONTENTS OF A REACTION RECEPTACLE Inventors: Kelly G. AMMANN, Robert E. Schneider, Robert J. Smith	13232459 Sep 14, 2011	20120070884 Mar 22, 2012	8221682 Jul 17, 2012	
METHOD FOR INCUBATING THE CONTENTS OF A RECEPTACLE Inventors: Robert E. SCHNEIDER, Kelly G. AMMANN, Robert J. SMITH	13448026 Apr 16, 2012	20120301924 Nov 29, 2012	8709814 Apr 29, 2014	
METHOD FOR ACCESSING THE CONTENTS OF A CLOSED COLLECTION DEVICE Inventors: Kathleen A. DICKEY, Bruce W. ANDERSON, Mordi I. IHEME, Nick M. CARTER, Daniel L. KACIAN	11928984 Oct 30, 2007	20080118989 May 22, 2008	8211710 Jul 3, 2012	
Collection device including a penetrable cap having an absorbent pile fabric Inventors: Nick M. CARTER, Daniel L. KACIAN	11926665 Oct 29, 2007	20080047371 Feb 28, 2008	8206662 Jun 26, 2012	
PENETRABLE CAP HAVING RIB STRUCTURES Inventors: Mordi I. IHEME, Daniel L. KACIAN, Mark R. KENNEDY	12140865 Jun 17, 2008	20080245163 Oct 9, 2008	8535621 Sep 17, 2013	

Title	Application	Publication	Patent	International Registration Number
PIERCEABLE CAP HAVING SPACED-APART GROOVES Inventors: Bruce W. Anderson, Mordi I. IHEME, Kathleen A. Dickey	12177064 Jul 21, 2008	20080274514 Nov 6, 2008	8334145 Dec 18, 2012	
METHOD FOR REMOVING A FLUID SUBSTANCE FROM A SEALED COLLECTION DEVICE Inventors: Bruce W. ANDERSON, Mordi I. IHEME, Shirley J. JOHNSON, Gus G. TSEO	12543370 Aug 18, 2009	20090301230 Dec 10, 2009	8573072 Nov 5, 2013	
METHOD FOR ACCESSING THE CONTENTS OF A CLOSED VESSEL CONTAINING A SPECIMEN RETRIEVAL DEVICE Inventors: Bruce W. ANDERSON, Nick M. CARTER, Mordi I. IHEME, Daniel L. KACIAN	13152935 Jun 3, 2011	20110236888 Sep 29, 2011		
PENETRABLE CAP Inventors: Daniel L. Kacian, Mark R. Kennedy, Nick M. Carter	13297136 Nov 15, 2011	20140053662 Feb 27, 2014	8685347 Apr 1, 2014	
AFFINITY-SHIFTED PROBES FOR QUANTIFYING ANALYTE POLYNUCLEOTIDES Inventors: Michael M. Becker, Norman C. Nelson	11847950 Aug 30, 2007	20080131892 Jun 5, 2008		

Title	Application	Publication	Patent	International Registration Number
ASSAY FOR DETECTION OF HUMAN PARVOVIRUS B19 NUCLEIC ACID Inventors: Steven T. Brentano, Margarita Batranina-Kaminsky, Cynthia S. Hasselkus-Light, Daniel P. Kolk	11459908 Jul 25, 2006	20080274449 Nov 6, 2008	8354226 Jan 15, 2013	
COMPOSITIONS AND METHODS FOR DETECTING HEPATITIS B VIRUS Inventors: Jeffrey M. LINNEN, Daniel P. KOLK, Janel M. DOCKTER, Damon K. GETMAN, Tadashi YOSHIMURA, Martha K. HO-SING-LOY, Reinhold B. POLLNER, Leslie A. STRINGFELLOW	12830574 Jul 6, 2010	20110081645 Apr 7, 2011		
COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID Inventors: James D. CARLSON, Steven T. BRENTANO	13243144 Sep 23, 2011	20120009565 Jan 12, 2012	8461324 Jun 11, 2013	
COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID Inventors: James D. CARLSON, Steven T. BRENTANO	13243243 Sep 23, 2011	20120015348 Jan 19, 2012	8563707 Oct 22, 2013	
DETECTION OF WEST NILE VIRUS NUCLEIC ACIDS IN THE VIRAL 3' NON-CODING REGION Inventors: Jeffrey M. LINNEN, Reinhold B. POLLNER	13032464 Feb 22, 2011	20110183315 Jul 28, 2011	8759003 Jun 24, 2014	

Title	Application	Publication	Patent	International Registration Number
ASSAY AND COMPOSITIONS FOR DETECTION OF BACILLUS ANTHRACIS NUCLEIC ACID Inventors: Sylvia A. Norman, Jennifer J. Bungo, James J. Hogan, William G. Weisburg	11931469 Oct 31, 2007	20120171669 Jul 5, 2012	8293885 Oct 23, 2012	
METHODS FOR DETERMINING THE PRESENCE OF SARS CORONAVIRUS IN A SAMPLE Inventors: Daniel L. KACIAN	12831205 Jul 6, 2010	20100279276 Nov 4, 2010		
Method and Kit for Identifying Antibiotic-Resistant Microorganisms Inventors: James J. HOGAN, Shannon K. KAPLAN	12774229 May 5, 2010	20100216155 Aug 26, 2010		
CROSS-REACTIVE HYBRIDIZATION PROBE FOR DETECTING HIV-1 AND HIV-2 NUCLEIC ACIDS IN THE P31 GENE SEQUENCE Inventors: Jeffrey M. LINNEN, Wen WU	12691413 Jan 21, 2010	20100190149 Jul 29, 2010	8318432 Nov 27, 2012	
Methods and Compositions to Detect Nucleic Acids in a Biological Sample Inventors: Michael M. BECKER, Mehrdad R. MAJLESSI	12845640 Jul 28, 2010	20120231551 Sep 13, 2012	8551766 Oct 8, 2013	

Title	Application	Publication	Patent	International Registration Number
Methods and Compositions to Detect Nucleic Acids in a Biological Sample Inventors: Michael M. BECKER, Mehrdad R. MAJLESSI	13087282 Apr 14, 2011	20110250599 Oct 13, 2011	8460869 Jun 11, 2013	
Reagents, methods and kits for use in deactivating nucleic acids Inventors: Norman C. Nelson, Kenneth A. Browne, Lizhong Dai, James Russell, Mark E. Filipowsky, Margarita B. Kaminsky, Daniel L. Kacian	11073085 Mar 4, 2005	20050202491 Sep 15, 2005		
Oligonucleotide probes and primers comprising universal bases for therapeutic purposes Inventors: Bob D. Brown, Timothy A. Riley	10142666 May 8, 2002	20030171315 Sep 11, 2003		
Oligonucleotides comprising a molecular switch Inventors: Lyle J. Arnold JR., Bob D. Brown	10837530 Apr 30, 2004	20050042638 Feb 24, 2005	8679789 Mar 25, 2014	
DISTINGUISHING PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES Inventors: Ursula BUSSE, Camille CHYPRE, Yves FRADET	13080262 Apr 5, 2011	20110212449 Sep 1, 2011	8241848 Aug 14, 2012	
CHEMILUMINESCENT COMPOUNDS Inventors: Ian WEEKS, Andrew J. RUTTER, Zhaoqiang LI, Keith Smith	12965623 Dec 10, 2010	20110082279 Apr 7, 2011		

Title	Application	Publication	Patent	International Registration Number
ASSAY FOR DETECTING AND QUANTIFYING HIV-1 Inventors: Astrid R.W. SCHRODER, Glenn J. SAWYER, Daniel P. KOLK	13245483 Sep 26, 2011	20120115125 May 10, 2012		
DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILOMAVIRUSES Inventors: Jennifer J. Bungo, Neeraj P. Rao, Sylvia A. Norman, William L. Hanna	13216107 Aug 23, 2011	20110311961 Dec 22, 2011	8334098 Dec 18, 2012	
ALKALINE SHOCK-BASED METHOD OF PROCESSING A BIOLOGICAL SAMPLE Inventors: Kui GAO, Michael M. BECKER, Wen WU, Jeffrey M. LINNEN	13307991 Nov 30, 2011	20120071360 Mar 22, 2012	8420317 Apr 16, 2013	
METHOD FOR DETERMINING THE AMOUNT OF AN ANALYTE IN A SAMPLE Inventors: James P. Light II, James M. Carrick	11372468 Mar 10, 2006	20060276972 Dec 7, 2006	8615368 Dec 24, 2013	
SYSTEM FOR PERFORMING MULTI- FORMATTED ASSAYS Inventors: Byron J. KNIGHT, Haito LI	12630302 Dec 3, 2009	20100075336 Mar 25, 2010	8501461 Aug 6, 2013	
SYSTEMS AND METHODS FOR DETECTING MULTIPLE OPTICAL SIGNALS Inventors: Matthew J. HAYES, Byron J. KNIGHT, Haitao Li, Robert F. Scalese	12791390 Jun 1, 2010	20100240063 Sep 23, 2010	8663922 Mar 4, 2014	

Title	Application	Publication	Patent	International Registration Number
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METHOD FOR CONTINUOUS MODE PROCESSING OF THE CONTENTS OF MULTIPLE REACTION RECEPTACLES IN A REAL-TIME AMPLIFICATION ASSAY	12939420 Nov 4, 2010	20110053169 Mar 3, 2011	8349564 Jan 8, 2013	
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Inventors: Christopher B. DAVIS,
Robert E. HEINZ, Byron J. KNIGHT,
Gary D. LAIR, Florence F. LI, Haitao
LI, Jerzy A. MACIOSZEK, Thanh N.
NGUYEN, Robert F. SCALESE

SYSTEM FOR CONTINUOUS MODE PROCESSING OF THE CONTENTS OF MULTIPLE REACTION RECEPTACLES IN A REAL-TIME AMPLIFICATION ASSAY	13031889 Feb 22, 2011	20110147610 Jun 23, 2011		
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Inventors: Christopher B. DAVIS,
Robert E. HEINZ, Byron J. KNIGHT,
Gary D. LAIR, Florence F. LI, Haitao
LI, Jerzy A. MACIOSZEK, Thanh N.
NGUYEN, Robert F. SCALESE

COMPOSITIONS AND ASSAYS TO DETECT INFLUENZA VIRUS A AND B NUCLEIC ACIDS	12789897 May 28, 2010	20100285450 Nov 11, 2010	8338095 Dec 25, 2012	
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Inventors: Elizabeth M. MARLOWE,
Paul M. Darby, Damon K. Getman,
Sylvia A. Norman, Reinhold B. Pollner

METHODS OF NUCLEIC ACID TARGET CAPTURE	13164605 Jun 20, 2011	20110250698 Oct 13, 2011		
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Inventors: Reinhold B. POLLNER,
Michael M. Becker, Mehrdad R.
Majlessi

Title	Application	Publication	Patent	International Registration Number
Multi-Channel Optical Measurement Instrument Inventors: Robert E. Heinz, Haitao Li	12143593 Jun 20, 2008	20090021728 Jan 22, 2009		
Multi-Chambered Receptacles Inventors: Scott S. Breidenthal, Richard S. Lee, Norman C. Nelson, Matthew J. Scott, Jason A. Taylor	12333356 Dec 12, 2008	20090137029 May 28, 2009		
Methods and Instruments for Processing a Sample in a Multi-Chambered Receptacle Inventors: Scott S. Breidenthal, Sara H. Fan, Richard S. Lee, Norman C. Nelson, Matthew J. Scott, Jason A. Taylor	12333334 Dec 12, 2008	20090142771 Jun 4, 2009	8765367 Jul 1, 2014	
METHODS OF CONCENTRATING AN ANALYTE Inventors: Scott S. Breidenthal, Sara H. Fan, Richard S. Lee, Matthew J. Scott, Jason A. Taylor, Norman C. Nelson	12333455 Dec 12, 2008	20090136963 May 28, 2009	8735055 May 27, 2014	
RECEPTACLES FOR STORING SUBSTANCES IN DIFFERENT PHYSICAL STATES Inventors: Scott S. Breidenthal, Daniel L. Kacian, Richard S. Lee, Norman C. Nelson, Jason A. Taylor, Matthew J. Scott	12337108 Dec 17, 2008	20090139992 Jun 4, 2009	8221705 Jul 17, 2012	

Title	Application	Publication	Patent	International Registration Number
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METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES	13179260 Jul 8, 2011	20120077188 Mar 29, 2012	8828654 Sep 9, 2014	
Inventors: Norman C. NELSON, Gianluca ROMA				

INSTRUMENTS AND METHODS FOR MIXING THE CONTENTS OF A DETECTION CHAMBER	13181850 Jul 13, 2011	20110275087 Nov 10, 2011	8480976 Jul 9, 2013	
Inventors: Scott S. Breidenthal, Sara H. Fan, Richard S. Lee, Norman C. Nelson, Matthew J. Scott, Jason A. Taylor				

METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES	13215081 Aug 22, 2011	20120211088 Aug 23, 2012		
Inventors: Gianluca Roma, Norman C. Nelson				

METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES	13243940 Sep 23, 2011	20120250452 Oct 4, 2012		
Inventors: Norman C. NELSON, Gianluca ROMA				

INSTRUMENTS AND METHODS FOR MIXING THE CONTENTS OF A DETECTION CHAMBER	13414195 Mar 7, 2012	20120231456 Sep 13, 2012	8491178 Jul 23, 2013	
Inventors: Scott S. Breidenthal, Sara H. Fan, Richard S. Lee, Norman C. Nelson, Matthew J. Scott, Jason A. Taylor				

Title	Application	Publication	Patent	International Registration Number
OLIGONUCLEOTIDES FOR AMPLIFYING CHLAMYDOPHILA PNEUMONIAE NUCLEIC ACID Inventors: Melissa M. CUNNINGHAM	13453866 Apr 23, 2012	20120202213 Aug 9, 2012	8586724 Nov 19, 2013	
COMPOSITIONS AND METHODS TO DETECT LEGIONELLA PNEUMOPHILA NUCLEIC ACID Inventors: Jennifer J. Bungo, James J. Hogan, Reinhold B. Pollner, Marie K. Hudspeth, Shannon K. Kaplan, Elizabeth M. Goslow	12624233 Nov 23, 2009	20100216141 Aug 26, 2010	8609829 Dec 17, 2013	
PARAMETRIC SYSTEM FOR QUANTIFYING ANALYTE POLYNUCLEOTIDES Inventors: James M. CARRICK, Mark R. KENNEDY, Jeffrey D. CHISMAR	12913591 Oct 27, 2010	20110040490 Feb 17, 2011	8224584 Jul 17, 2012	
TAGGED OLIGONUCLEOTIDES AND THEIR USE IN NUCLEIC ACID AMPLIFICATION METHODS Inventors: Wai-Chung Lam, Kristin W. Livezey, Michael M. Becker	13231848 Sep 13, 2011	20120003651 Jan 5, 2012	8278052 Oct 2, 2012	
METHODS OF NONSPECIFIC TARGET CAPTURE OF NUCLEIC ACIDS Inventors: Michael M. BECKER, Mehrdad R. MAJLESSI	11832367 Aug 1, 2007	20080286775 Nov 20, 2008		

Title	Application	Publication	Patent	International Registration Number
METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION Inventors: Steven T. BRENTANO, Dmitry LYAKHOV, James D. CARLSON, Norman C. NELSON, Lyle J. Arnold JR.	11962072 Dec 20, 2007	20080305482 Dec 11, 2008	8198027 Jun 12, 2012	
METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION Inventors: Dmitry LYAKHOV, Norman C. NELSON, Steven T. BRENTANO, James D. CARLSON, Lyle J. ARNOLD JR., Michael M. Becker	13460341 Apr 30, 2012	20120264122 Oct 18, 2012	8642268 Feb 4, 2014	
COMPOSITIONS, KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF PSEUDOMONAS AERUGINOSA Inventors: Shannon K. Kaplan, Kristin Livezey, Jennifer J. Bungo, James J. Hogan	12061438 Apr 2, 2008	20080268452 Oct 30, 2008	8927703 Jan 6, 2015	
METHOD OF QUANTIFYING POLYNUCLEOTIDES USING A STORED CALIBRATION CURVE Inventors: James M. CARRICK	13071221 Mar 24, 2011	20110171658 Jul 14, 2011	8275556 Sep 25, 2012	
DETECTION OF ANTIBIOTIC- RESISTANT MICROORGANISMS Inventors: Michael M. BECKER, Kui GAO, Wai-Chung LAM	12340622 Dec 19, 2008	20090181395 Jul 16, 2009	8911946 Dec 16, 2014	

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS AND METHODS TO DETECT TMPRSS2/ERG TRANSCRIPT VARIANTS IN PROSTATE CANCER Inventors: Paul M. DARBY, Siobhan M. MIICK, Kumar KASTURY, Jo Ann JACKSON	12689178 Jan 18, 2010	20100196903 Aug 5, 2010		
Method for detecting chikungunya virus Inventors: James M. Carrick, Jeffrey M. Linnen	12386832 Apr 21, 2009	20090263806 Oct 22, 2009		
COMPOSITIONS, KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF SALMONELLA Inventors: Michael R. Reshatoff, Edgar O. Ong, James J. Hogan	12995168 Nov 29, 2010	20110117564 May 19, 2011	8703421 Apr 22, 2014	
COMPOSITIONS AND METHODS FOR DETECTING SMALL RNAS, AND USES THEREOF Inventors: Amara SIVA, Mark A. REYNOLDS	12625609 Nov 25, 2009	20100129822 May 27, 2010	8399222 Mar 19, 2013	
COMPOSITIONS AND METHODS TO DETECT CANDIDA ALBICANS NUCLEIC ACID Inventors: JAMES J. HOGAN, IRENE ANDRUSZKIEWICZ, JENNIFER J. BUNGO, SHANNON K. KAPLAN	12715132 Mar 1, 2010	20100159530 Jun 24, 2010		

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS TO DETECT CANDIDA ALBICANS NUCLEIC ACID	12843736 Jul 26, 2010	20100286383 Nov 11, 2010		
Inventors: James J. HOGAN, Irene Andruszkiewicz, Jennifer J. Bungo, Shannon K. Kaplan				
SYSTEMS AND METHODS FOR DETECTING A SIGNAL AND APPLYING THERMAL ENERGY TO A SIGNAL TRANSMISSION ELEMENT	12696406 Jan 29, 2010	20100196908 Aug 5, 2010	8368882 Feb 5, 2013	
Inventors: David OPALSKY, George T. WALKER, Norman C. NELSON, Richard S. LEE, Sara H. FAN				
COMPOSITIONS AND METHODS FOR DETECTION OF PROPIONIBACTERIUM ACNES NUCLEIC ACID	12389350 Feb 19, 2009	20090269764 Oct 29, 2009		
Inventors: James J. HOGAN, Kristin W. Livezey, Shannon K. Kaplan, Jennifer J. Bungo				
DENGUE VIRUS ASSAY	12873231 Aug 31, 2010	20110081646 Apr 7, 2011	8999675 Apr 7, 2015	
Inventors: James M. CARRICK, Jeffrey M. LINNEN				
COMPOSITIONS, KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF LISTERIA	12649249 Dec 29, 2009	20100173305 Jul 8, 2010	8748133 Jun 10, 2014	
Inventors: Michael R. Reshatoff, Kristin W. Livezey, James J. Hogan				

Title	Application	Publication	Patent	International Registration Number
INACTIVATABLE TARGET CAPTURE OLIGOMERS FOR USE IN THE SELECTIVE HYBRIDIZATION AND CAPTURE OF TARGET NUCLEIC ACID SEQUENCES Inventors: Michael M. BECKER, Kristin W. LIVEZEY	12465323 May 13, 2009	20090286249 Nov 19, 2009		
Method and Apparatus for Effecting Automated Movement of a Magnet in an Instrument for Performing a Magnetic Separation Procedure Inventors: Norbert D. Hagen, Byron J. Knight, David Opalsky	12781390 May 17, 2010	20100288395 Nov 18, 2010	9011771 Apr 21, 2015	
METHOD AND SYSTEM FOR PERFORMING A MAGNETIC SEPARATION PROCEDURE Inventors: Christopher B. Davis, Norbert D. Hagen, James T. Tuggle	12781425 May 17, 2010	20100294047 Nov 25, 2010	8276762 Oct 2, 2012	
METHOD AND APPARATUS FOR EFFECTING TRANSFER OF REACTION RECEPTACLES IN AN INSTRUMENT FOR MULTI-STEP ANALYTICAL PROCEDURES Inventors: Norbert D. Hagen, Byron J. Knight, David Opalsky, Jason F. Rhubottom, Olaf Hörger, Heiko Sayer, Harald Thahedl, Stefan Habrich	13320746 Jan 26, 2012	20120128451 May 24, 2012	8731712 May 20, 2014	

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS, KITS AND METHODS FOR DETECTION OF CAMPYLOBACTER NUCLEIC ACID Inventors: Michael R. RESHATOFF JR., Jennifer J. BUNGO, Shannon K. KAPLAN, James J. HOGAN	12618910 Nov 16, 2009	20100124749 May 20, 2010	8637249 Jan 28, 2014	
COMPOSITIONS, KITS AND METHODS FOR DETECTION OF CAMPYLOBACTER NUCLEIC ACID Inventors: Michael R. Reshatoff JR., Jennifer J. Bungo, Shannon K. Kaplan, James J. Hogan	13128384 Sep 19, 2011	20120052496 Mar 1, 2012		
METHOD FOR SEPARATING VISCOUS MATERIALS SUSPENDED FROM A PIPETTE Inventors: Craig Clark, John M. Gilker, Norbert D. Hagen, Tom R. Horn	12779467 May 13, 2010	20100288056 Nov 18, 2010	8309036 Nov 13, 2012	
Covered Rack for Holding Fluid Receptacles Inventors: Norbert D. Hagen	12781392 May 17, 2010	20100288061 Nov 18, 2010	9011802 Apr 21, 2015	
CONTAMINATION CONTROL FOR LIQUID HANDLING Inventors: Craig B. Clark, John M. Gilker, Norbert D. Hagen, Tom R. Horn, Byron J. Knight, David Opalsky, Jason F. Rhubottom, Waldemar Lukhaub, Olaf Hörger	13320749 Feb 2, 2012	20120261469 Oct 18, 2012	8939364 Jan 27, 2015	

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS AND METHODS TO DETECT ATOPOBIUM VAGINAE NUCLEIC ACID Inventors: Damon K. GETMAN	13029720 Feb 17, 2011	20110212852 Sep 1, 2011		
USE OF BLOCKER OLIGONUCLEOTIDES IN SELECTIVE AMPLIFICATION OF TARGET SEQUENCES Inventors: Michael M. BECKER, Kristin W. LIVEZEY	13242895 Sep 23, 2011	20120009629 Jan 12, 2012	8574847 Nov 5, 2013	
ASSAY FOR DETECTION OF HUMAN PARVOVIRUS NUCLEIC ACID Inventors: James M. Carrick	13203715 Aug 26, 2011	20110306038 Dec 15, 2011	8921039 Dec 30, 2014	
SYSTEMS AND METHODS FOR DISTINGUISHING OPTICAL SIGNALS OF DIFFERENT MODULATION FREQUENCIES IN AN OPTICAL SIGNAL DETECTOR Inventors: Robert E. HEINZ, David OPALSKY, Dennis NEWELL, Jason RHUBOTTOM	13404437 Feb 24, 2012	20120221252 Aug 30, 2012	8718948 May 6, 2014	
COMPOSITIONS AND METHODS FOR DETECTING NUCLEIC ACID FROM MOLLICUTES Inventors: Shannon K. KAPLAN, Kristin W. LIVEZEY, Michael M. BECKER, James J. HOGAN	12821608 Jun 23, 2010	20100323362 Dec 23, 2010		

Title	Application	Publication	Patent	International Registration Number
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METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION Inventors: Steven T. BRENTANO, Dmitry LYAKHOV, Norman C. NELSON, James D. CARLSON, Michael M. BECKER, Lyle J. ARNOLD, JR.	12828676 Jul 1, 2010	20110003305 Jan 6, 2011	8512955 Aug 20, 2013	
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METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION Inventors: Steven T. Brentano, Dmitry Lyakhov, James D. Carlson, Michael M. Becker, Norman C. Nelson, Lyle J. Arnold JR.	13380018 Mar 16, 2012	20120178636 Jul 12, 2012		
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METHODS AND COMPOSITIONS FOR QUANTITATIVE AMPLIFICATION AND DETECTION OVER A WIDE DYNAMIC RANGE Inventors: Daniel L. Kacian, Kenneth A. Browne	12840971 Jul 21, 2010	20110020824 Jan 27, 2011	8628924 Jan 14, 2014	
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Method, System and Apparatus for Incorporating Capacitive Proximity Sensing in an Automated Fluid Transfer Procedure Inventors: Byron J. KNIGHT, David OPALSKY, Brian SCHROETER	13192828 Jul 28, 2011	20120024055 Feb 2, 2012		
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Title	Application	Publication	Patent	International Registration Number
PROBES AND METHODS FOR DETECTING THE PRESENCE OF TRICHOMONAS VAGINALIS IN A SAMPLE Inventors: Damon Kittredge GETMAN, Barbara Susan WEINBAUM	13011811 Jan 21, 2011	20110183339 Jul 28, 2011	8790879 Jul 29, 2014	
Nucleic Acid Sequence Analysis Inventors: Daniel Henry Densham	12651824 Jan 4, 2010	20100316999 Dec 16, 2010		
DNA SEQUENCING METHOD Inventors: Daniel Henry DENSHAM	13464285 May 4, 2012	20120214164 Aug 23, 2012		
Polynucleotide sequencing method Inventors: Daniel Henry Densham	10478036 Nov 17, 2003	20040241678 Dec 2, 2004		
Polynucleotide Sequencing Method Inventors: Daniel Henry Densham	12206536 Sep 8, 2008	20090029383 Jan 29, 2009		
APPARATUS AND METHOD FOR SEQUENCING NUCLEIC ACID MOLECULES Inventors: Daniel DENSHAM	12984822 Jan 5, 2011	20110097729 Apr 28, 2011	8592183 Nov 26, 2013	
COMPOSITIONS, METHODS AND KITS TO DETECT ADENOVIRUS NUCLEIC ACIDS Inventors: Emily Ziegler, Jessica Townsend	13253819 Oct 5, 2011	20130089859 Apr 11, 2013	8715939 May 6, 2014	

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SYSTEM AND METHOD FOR TRACKING ITEMS DURING A PROCESS Inventors: David OPALSKY, Norbert D. HAGEN	13293529 Nov 10, 2011	20120118954 May 17, 2012	8662392 Mar 4, 2014	
METHOD AND APPARATUS FOR IDENTIFYING ANALYTE-CONTAINING SAMPLES USING SINGLE-READ DETERMINATION OF ANALYTE AND PROCESS CONTROL SIGNALS Inventors: Sunghae A. JOO, Janel M. DOCKTER	13173558 Jun 30, 2011	20120003646 Jan 5, 2012		
DIRECT MONITORING AND PCR AMPLIFICATION OF THE DOSAGE AND DOSAGE DIFFERENCE BETWEEN TARGET GENETIC REGIONS Inventors: Gerassimos Makrigiorgos	11965971 Dec 28, 2007	20100129792 May 27, 2010		
CHEMILUMINESCENT PROBES FOR MULTIPLEX MOLECULAR QUANTIFICATION AND USES THEREOF Inventors: Kenneth A. BROWNE, Ian WEEKS	13445780 Apr 12, 2012	20120231459 Sep 13, 2012		
LATERAL FLOW ASSAY DEVICE Inventors: Gian Paolo VISENTIN, John ZEIS, Suzette CHANCE, Keith KOPITZKE	29420588 May 10, 2012		D676570 Feb 19, 2013	

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DEVICE FOR CUSHIONING OF COMPRESSION SURFACES Inventors: Gail Lebovic, George D. Hermann, David Willis, Thomas A. Howell	09620730 Jul 20, 2000		6577702 Jun 10, 2003	
DEVICE FOR CUSHIONING OF COMPRESSION SURFACES Inventors: Sheryl W. Higgins, George D. Hermann, David Willis, Thomas A. Howell, Gail Lebovic	09922602 Aug 3, 2001	20030007597 Jan 9, 2003	6765984 Jul 20, 2004	
DEVICE FOR CUSHIONING OF COMPRESSION SURFACES Inventors: Gail Lebovic, George D. Hermann, David Willis, Thomas A. Howell	10389392 Mar 14, 2003	20030174807 Sep 18, 2003	6968033 Nov 22, 2005	
DEVICE FOR CUSHIONING COMPRESSION SURFACES Inventors: Gail Lebovic, George D. Hermann, David Willis, Thomas A. Howell	11379193 Apr 18, 2006	20060239399 Oct 26, 2006	7502441 Mar 10, 2009	
PADS FOR MAMMOGRAPHY AND METHODS FOR MAKING AND USING THEM Inventors: George D. Hermann, Gail S. Lebovic	11265713 Nov 1, 2005	20060126794 Jun 15, 2006	7505555 Mar 17, 2009	
DEVICE FOR CUSHIONING OF COMPRESSION SURFACES Inventors: Gail Lebovic, George D. Hermann, David Willis, Thomas A. Howell	10946044 Sep 21, 2004	20050036584 Feb 17, 2005	7616732 Nov 10, 2009	

Title	Application	Publication	Patent	International Registration Number
DEVICE FOR CUSHIONING OF COMPRESSION SURFACES Inventors: Gail Lebovic, George D. Hermann, David Willis, Thomas A. Howell	12610303 Oct 31, 2009	20100046698 Feb 25, 2010	8098793 Jan 17, 2012	
DETERMINATION OF ENDOMETRIAL RECEPTIVITY TOWARD EMBRYO IMPLANTATION Inventors: BRUCE LESSEY	07897706 Jun 12, 1992		5279941 Jan 18, 1994	
USE OF ESTRIOL MEASUREMENT TO MONITOR TOCOLYTIC THERAPY Inventors: VIVIAN K. DULLIEN	08136219 Oct 13, 1993		5370135 Dec 6, 1994	
MULTIMODALITY PROBE WITH EXTENDABLE BIPOLAR ELECTRODES Inventors: RODNEY C. PERKINS	08197357 Feb 16, 1994		5401272 Mar 28, 1995	
TUMOR TREATMENT Inventors: JEFFERY A. WILLIAMS	07715923 Jun 14, 1991		5429582 Jul 4, 1995	
METHOD OF USING A MULTIMODALITY PROBE WITH EXTENDABLE BIPOLAR ELECTRODES Inventors: RODNEY C. PERKINS	08302550 Sep 8, 1994		5441498 Aug 15, 1995	

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SCREENING METHOD FOR IDENTIFYING WOMEN AT INCREASED RISK FOR IMMINENT DELIVERY Inventors: ANDREW E. SENYEI, DAVID C. CASAL	08061755 May 12, 1993		5468619 Nov 21, 1995	
METHOD FOR PREDICTION OF PREMATURE LABOR Inventors: VIVIAN K. DULLIEN	08242034 May 12, 1994		5480776 Jan 2, 1996	
APPARATUS FOR COLLECTION AND TRANSFER OF PARTICLES AND MANUFACTURE THEREOF Inventors: LEWIS T. POLK JR., HUGH VARTANIAN, PHILLIP P. BROWN, WALKER M. SLOAN III	08285416 Aug 3, 1994		5503802 Apr 2, 1996	
SCREENING METHOD FOR IDENTIFYING WOMEN AT INCREASED RISK FOR IMMINENT DELIVERY Inventors: ANDREW E. SENYEI, DAVID C. CASAL	08268210 Jun 29, 1994		5516702 May 14, 1996	
METHOD AND APPARATUS FOR MAGNETICALLY SEPARATING BIOLOGICAL PARTICLES FROM A MIXTURE Inventors: FREDRIC FARBER	08227665 Apr 14, 1994		5602042 Feb 11, 1997	
RADIATION TREATMENT OF TUMORS USING INFLATABLE DEVICES Inventors: JEFFERY A. WILLIAMS	08307165 Sep 16, 1994		5611767 Mar 18, 1997	

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MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION Inventors: CSABA TRUCKAI, DAVID C. AUTH	08632516 Apr 12, 1996		5769880 Jun 23, 1998	
FLUID COLLECTION KIT AND METHOD Inventors: DAVID E. CHARLTON	08795051 Feb 5, 1997		5786227 Jul 28, 1998	
FLUID COLLECTION KIT AND METHOD Inventors: DAVID EDWARD CHARLTON	08795964 Feb 5, 1997		5786228 Jul 28, 1998	
DOUBLE-WALL BALLOON CATHETER FOR TREATMENT OF PROLIFERATIVE TISSUE Inventors: JEFFERY A. WILLIAMS, CHRISTOPHER PORTER, JEFFREY F. WILLIAMSON, JAMES F. DEMPSEY, TIMOTHY J. PATRICK, JAMES B. STUBBS	08900021 Jul 24, 1997		5913813 Jun 22, 1999	
SYSTEMS AND METHODS FOR COLLECTING FLUID SAMPLES HAVING SELECT CONCENTRATIONS OF PARTICLES Inventors: GAIL E. RADCLIFFE, DANIEL C. LAPEN, CHARLES A. FESTEL	08742647 Nov 1, 1996		5942700 Aug 24, 1999	

Title	Application	Publication	Patent	International Registration Number
METHOD AND APPARATUS FOR TUBAL OCCLUSION Inventors: DOUGLAS C. HARRINGTON, BRETT BOWMAN, PETER M. BREINING	09063119 Apr 20, 1998		5954715 Sep 21, 1999	
FLUID COLLECTION KIT AND METHOD Inventors: DAVID EDWARD CHARLTON	09069420 Apr 29, 1998		5981293 Nov 9, 1999	
METHOD AND APPARATUS FOR CONTROLLED INSTRUMENTATION OF PARTICLES WITH A FILTER DEVICE Inventors: STANLEY N. LAPIDUS	08061928 May 13, 1993		6010909 Jan 4, 2000	
TUMOR TREATMENT Inventors: JEFFERY A. WILLIAMS	09158682 Sep 22, 1998		6083148 Jul 4, 2000	
HORMONE REPLACEMENT THERAPY MONITORING Inventors: VIVIEN DULLIEN	09394579 Sep 10, 1999		6174665 Jan 16, 2001	
CATHETER WITH PERMEABLE HYDROGEL MEMBRANE Inventors: RANCE A. WINKLER	09275910 Mar 24, 1999		6200257 Mar 13, 2001	
HAZARDOUS FLUID INFUSER Inventors: RANCE A. WINKLER	09369903 Aug 6, 1999		6238374 May 29, 2001	

Title	Application	Publication	Patent	International Registration Number
COMPUTER-AIDED DIAGNOSIS METHOD AND SYSTEM Inventors: SHIH-PING WANG	09179205 Oct 27, 1998		6266435 Jul 24, 2001	
METHOD AND APPARATUS FOR TUBAL OCCLUSION Inventors: DOUGLAS C. HARRINGTON, VICTORIA E. CARR- BREDEL, BRETT S. BOWMAN	09241790 Feb 1, 1999		6309384 Oct 30, 2001	
Systems for collecting fluid samples having select concentrations of particles Inventors: GAIL E. RADCLIFFE, DANIEL C. LAPEN, CHARLES A. FESTEL	09372146 Aug 20, 1999		6318190 Nov 20, 2001	
Method and apparatus for tubal occlusion Inventors: Douglas C Harrington, Brett Bowman, Peter M Breining	09579976 May 26, 2000		6346102 Feb 12, 2002	
CYTOLOGICAL STAIN COMPOSITION Inventors: Louise M. Isenstein, Norman W. Soule, Katherine K. Mui, Daniel C. Lapen, David J. ZAHNISER	09430116 Oct 29, 1999		6348325 Feb 19, 2002	

Title	Application	Publication	Patent	International Registration Number
POINT OF CARE DIAGNOSTIC SYSTEMS Inventors: EMORY V. ANDERSON, JEROME LAPOINTE, RICARDO MARTINEZ, GAIL MARZOLF, RONALD PONG, LYNN JONES, ROBERT O. HUSSA, EDWARD NEMEC, ANDREW E. SENYEI, DUANE DESIENO	09063497 Apr 20, 1998		6394952 May 28, 2002	
INTERSTITIAL BRACHYTHERAPY APPARATUS AND METHOD FOR THE TREATMENT OF PROLIFERATIVE TISSUE DISEASES Inventors: RANCE A WINKLER, TIMOTHY J PATRICK, JAMES STUBBS	09293524 Apr 15, 1999		6413204 Jul 2, 2002	
ASYMMETRIC RADIATION DOSING APPARATUS AND METHOD Inventors: Rance A. Winkler, Timothy J. Patrick	09464727 Dec 16, 1999		6482142 Nov 19, 2002	
RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE Inventors: BRUNO STRUL, CSABA TRUCKAI, RUSSEL MAHLON SAMPSON, MARK LEO KANE	09306480 May 6, 1999		6508815 Jan 21, 2003	
CATHETER WITH PERMEABLE HYDROGEL MEMBRANE Inventors: Rance A. Winkler	09724121 Nov 28, 2000		6537194 Mar 25, 2003	

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SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY Inventors: Russell M. Sampson, Mike O'Hara, Csaba Truckai, Dean T. Miller	09710102 Nov 10, 2000		6554780 Apr 29, 2003	
METHODS FOR SELECTING, DEVELOPING AND IMPROVING DIAGNOSTIC TESTS FOR PREGNANCY-RELATED CONDITIONS Inventors: JEROME LAPOINTE, DUANE D. DESIENO	09134636 Aug 14, 1998		6556977 Apr 29, 2003	
METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS Inventors: ROY A. OSTGAARD, THEODORE S. GEISELMAN	09521531 Mar 8, 2000		6562299 May 13, 2003	
METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS Inventors: ROY A OSTGAARD, LEWIS A CAPRICCIO, THEODORE S GEISELMAN, ROBERT E JENNINGS, BRUCE LEVKOFF, EDWARD O'CONNELL, DOUGLAS A TENNEY, HUGH VARTANIAN	09520421 Mar 8, 2000		6572824 Jun 3, 2003	
RADIATION SHIELD FOR A SYRINGE Inventors: Rance A. Winkler	09761790 Jan 17, 2001	20010021826 Sep 13, 2001	6589158 Jul 8, 2003	

Title	Application	Publication	Patent	International Registration Number
CYTOLOGICAL STAIN COMPOSITION Inventors: David J. Zahniser, Louise M. Isenstein, Norman W. Soule, Katherine K. Mui, Daniel C. Lapen	10054578 Nov 12, 2001	20020150967 Oct 17, 2002	6593102 Jul 15, 2003	
GRADUATED INTRALUMINAL CATHETER AND METHODS OF USE THEREOF Inventors: Wallace Longton, Curtis Miyamoto, Daniel Rukstalis	09639510 Aug 16, 2000		6607477 Aug 19, 2003	
METHODS FOR COLLECTING FLUID SAMPLES HAVING SELECT CONCENTRATIONS OF PARTICLES Inventors: Gail E. Radcliffe, Daniel C. Lapen, Charles A. Festel	10012874 Nov 12, 2001	20020040610 Apr 11, 2002	6634244 Oct 21, 2003	
CYTOLOGICAL STAIN COMPOSITION INCLUDING VERIFICATION CHARACTERISTIC Inventors: Norman W. Soule, Louise M. Isenstein, David J. Zahniser	09430196 Oct 29, 1999		6661501 Dec 9, 2003	
CYTOLOGICAL IMAGING SYSTEM AND METHOD Inventors: Matthew S. Zelinski, Thomas M. Dolash, Garrick L. Maenle, Mark Fleming, John S. Laudo, David J. Zahniser	09430117 Oct 29, 1999		6665060 Dec 16, 2003	
TISSUE POSITIONING APPARATUS AND METHOD FOR PROTECTING TISSUE FROM RADIOTHERAPY Inventors: Rance A. Winkler	09882506 Jun 15, 2001	20020193653 Dec 19, 2002	6673006 Jan 6, 2004	

Title	Application	Publication	Patent	International Registration Number
METHOD FOR SELECTING MEDICAL AND BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS Inventors: JEROME LAPOINTE, DUANE DESIENO	08912133 Aug 14, 1997	20010023419 Sep 20, 2001	6678669 Jan 13, 2004	
TREATMENT OF SPINAL METASTASES Inventors: Rance A. Winkler, Timothy J. Patrick, Carribeth B. Ramey	10269555 Oct 11, 2002		6695760 Feb 24, 2004	
METHOD AND APPARATUS FOR TUBAL OCCLUSION Inventors: Douglas C. Harrington, Victoria E. Carr-Brendel, Brett S. Bowman	09810761 Mar 16, 2001	20010016738 Aug 23, 2001	6712810 Mar 30, 2004	
METHOD AND APPARATUS FOR TUBAL OCCLUSION Inventors: Douglas C. Harrington, Brett Bowman, Peter M. Breining	10075854 Feb 12, 2002	20020072744 Jun 13, 2002	6726682 Apr 27, 2004	
SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY Inventors: Russell M. Sampson, Mike O'Hara, Csaba Truckai, Dean T. Miller	10400823 Mar 27, 2003	20030191412 Oct 9, 2003	6743184 Jun 1, 2004	
SYSTEM AND METHOD FOR THE TREATMENT OF SPINAL METASTASES Inventors: Rance A. Winkler, Timothy J. Patrick, Carribeth B. Ramey	10365977 Feb 13, 2003		6749555 Jun 15, 2004	

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CATHETER PLACEMENT DETECTION SYSTEM AND OPERATOR INTERFACE	10155462 May 23, 2002	20030220636 Nov 27, 2003	6780182 Aug 24, 2004	
Inventors: Brett S. Bowman, Vijay Dhaka, Kenneth Kitlas, Douglas C. Harrington				

MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION	09103072 Jun 23, 1998	20020022870 Feb 21, 2002	6813520 Nov 2, 2004	
Inventors: CSABA TRUCKAI, RUSSEL MAHLON SAMPSON, STEPHANIE SQUARCIA, ALFONZO LAWRENCE RAMIREZ, ESTELA HILARIO				

POINT OF CARE DIAGNOSTIC SYSTEMS	09717478 Nov 20, 2000		6867051 Mar 15, 2005	
Inventors: Emory V. Anderson, Jerome Lapointe, Ricardo Martinez, Gail Marzolf, Ronald Pong, Lynn Jones, Robert O. Hussa, Edward Nemec, Andrew E. Senyei, Duane DeSieno				

SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY	10852648 May 24, 2004	20040215099 Oct 28, 2004	6872183 Mar 29, 2005	
Inventors: Russell M. Sampson, Mike O'Hara, Csaba Truckai, Dean T. Miller				

DETECTION AND TYPING OF HUMAN PAPILLOMAVIRUS USING PNA PROBES	10286387 Nov 1, 2002	20030143529 Jul 31, 2003	6936443 Aug 30, 2005	
Inventors: Menashi A. Cohenford, Brian Lentricchia				

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POINT OF CARE DIAGNOSTIC SYSTEMS Inventors: Emory V. Anderson, Jerome Lapointe, Ricardo Martinez, Gail Marzolf, Ronald Pong, Lynn Jones, Robert O. Hussa, Edward Nemec, Andrew E. Senyei, Duane DeSieno	09717355 Nov 20, 2000		6936476 Aug 30, 2005	
NUCLEIC ACID EXTRACTION SOLUTION AND USE THEREOF Inventors: Brian Lentricchia, Menashi A. Cohenford	10053349 Jan 15, 2002	20020150937 Oct 17, 2002	6939672 Sep 6, 2005	
TREATMENT OF SPINAL METASTASES Inventors: Rance A. Winkler, Timothy J. Patrick, Carribeth B. Ramey	10784083 Feb 20, 2004	20040167372 Aug 26, 2004	6976949 Dec 20, 2005	
APPARATUS AND METHODS FOR VERIFYING THE LOCATION OF AREAS OF INTEREST WITHIN A SAMPLE IN AN IMAGING SYSTEM Inventors: THEODORE S. GEISELMAN, DAVID ZAHNISER	09430198 Oct 29, 1999		7006674 Feb 28, 2006	
SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY Inventors: Russel M. Sampson, Mike O'Hara, Csaba Truckai, Dean T. Miller	11056998 Feb 11, 2005	20050143728 Jun 30, 2005	7063670 Jun 20, 2006	

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RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE Inventors: Bruno Strul, Csaba Truckai, Russel Mahlon Sampson, Mark Leo Kane	10328447 Dec 23, 2002	20030093070 May 15, 2003	7074217 Jul 11, 2006	
LOCALLY STORING BIOLOGICAL SPECIMEN DATA TO A SLIDE Inventors: Peter Albany	10656092 Sep 5, 2003	20050051614 Mar 10, 2005	7083106 Aug 1, 2006	
SYSTEM AND METHOD FOR CALIBRATING POSITION OF MICROSCOPE SLIDE WITHIN STORAGE RECEPTACLE Inventors: Patrick Guiney, Scott Wolpert	10998028 Nov 24, 2004	20060109432 May 25, 2006	7140738 Nov 28, 2006	
APPARATUS AND METHOD FOR STORING SLIDES IN AN ANGULAR ARRANGEMENT Inventors: Stephen L. Fichera	10675451 Sep 30, 2003	20050067431 Mar 31, 2005	7150375 Dec 19, 2006	
PAPANICOLAU STAINING PROCESS Inventors: Daniel Lapen, Norman Soule, Somthouck Lim	10404879 Mar 31, 2003	20040191854 Sep 30, 2004	7186522 Mar 6, 2007	
APPARATUS AND METHOD FOR SEPARATING VIRAL PARTICLES FROM CELLS Inventors: Brian B. Lentricchia, Steven A. Hecht	10671929 Sep 25, 2003	20050069867 Mar 31, 2005	7198902 Apr 3, 2007	

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METHOD AND APPARATUS FOR TUBAL OCCLUSION Inventors: Douglas C. Harrington, Brett Bowman, Peter M. Breining	10832909 Apr 26, 2004	20040204720 Oct 14, 2004	7220259 May 22, 2007	
PARCENTRIC OBJECTIVE Inventors: George H. Seward	10940063 Sep 13, 2004	20060056014 Mar 16, 2006	7224521 May 29, 2007	
METHODS FOR SELECTING, DEVELOPING AND IMPROVING DIAGNOSTIC TESTS FOR PREGNANCY-RELATED CONDITIONS Inventors: Jerome Lapointe, Duane D. DeSieno	10164053 Jun 4, 2002	20030105731 Jun 5, 2003	7228295 Jun 5, 2007	
POINT OF CARE DIAGNOSTIC SYSTEMS Inventors: Emory V. Anderson, Jerome Lapointe, Ricardo Martinez, Gail Marzolf, Ronald Pong, Lynn Jones, Robert O. Hussa, Edward Nemec, Andrew E. Senyei, Duane DeSieno	10877122 Jun 25, 2004	20040241752 Dec 2, 2004	7270970 Sep 18, 2007	
SLIDE MISLOAD DETECTION SYSTEM AND METHOD Inventors: Steven A. Scampini	11040958 Jan 21, 2005	20060164611 Jul 27, 2006	7300163 Nov 27, 2007	
ISOTROPIC ILLUMINATION Inventors: George H. Seward	10956651 Oct 1, 2004	20060072335 Apr 6, 2006	7341369 Mar 11, 2008	

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CELL COLLECTION DEVICE Inventors: Steven A. Scampini	11725846 Mar 20, 2007	20070173737 Jul 26, 2007	7344506 Mar 18, 2008	
IMPLANTABLE RADIOTHERAPY/BRACHYTHERAPY RADIATION DETECTING APPARATUS AND METHODS Inventors: James B. Stubbs	10704340 Nov 7, 2003	20050101824 May 12, 2005	7354391 Apr 8, 2008	
FILTER CONTAMINATION CONTROL DEVICE Inventors: Douglas A. Tenney	11292845 Dec 1, 2005	20070125187 Jun 7, 2007	7357042 Apr 15, 2008	
CYTOLOGICAL AUTOFOCUSING IMAGING SYSTEMS AND METHODS Inventors: William Knox, Garrick Maenle, David Zahniser	10008379 Nov 5, 2001	20030179445 Sep 25, 2003	7369304 May 6, 2008	
TREATMENT OF SPINAL METASTASES Inventors: Rance A. Winkler, Timothy J. Patrick, Carribeth B. Ramey	11260643 Oct 27, 2005	20060047178 Mar 2, 2006	7381178 Jun 3, 2008	
LOCALLY STORING BIOLOGICAL SPECIMEN DATA TO A SLIDE Inventors: Peter Albany	11423660 Jun 12, 2006	20060219795 Oct 5, 2006	7395974 Jul 8, 2008	
RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE Inventors: Bruno Strul, Csaba Truckai, Russel Mahlon Sampson, Mark Leo Kane	11175128 Jul 5, 2005	20050245921 Nov 3, 2005	7407502 Aug 5, 2008	

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CYTOLOGICAL IMAGING SYSTEM AND METHOD Inventors: David J. Zahniser, Matthew S. Zelinski, Thomas Dolash, Garrick L. Maenle, Mark Fleming, John S. Laudo	10726336 Dec 1, 2003	20040132197 Jul 8, 2004	7411664 Aug 12, 2008	
MICROSCOPE WITH LED ILLUMINATION SOURCE Inventors: Scott Wolpert, David Zahniser	11313365 Dec 20, 2005	20070139638 Jun 21, 2007	7433026 Oct 7, 2008	
METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS Inventors: Roy A. Ostgaard, Lewis A. Capriccio, Theodore S. Geiselman, Robert E. Jennings, Bruce Levkoff, Edward O'Connell, Douglas A. Tenney, Hugh Vartanian	10421480 Apr 22, 2003	20030207455 Nov 6, 2003	7435599 Oct 14, 2008	
CYTOLOGICAL IMAGING SYSTEMS AND METHODS Inventors: Garrick L. Maenle, William J. Knox, David Zahniser	11861230 Sep 25, 2007	20080013168 Jan 17, 2008	7446935 Nov 4, 2008	
TRAY FOR SLIDE PROCESSING Inventors: Robert Sakal, Kevin Patenaude, Mark Girardi	11459306 Jul 21, 2006	20080019880 Jan 24, 2008	7449153 Nov 11, 2008	
CYTOLOGICAL IMAGING SYSTEMS AND METHODS Inventors: Garrick L. Maenle, William J. Knox, David Zahniser	11861234 Sep 25, 2007	20080018994 Jan 24, 2008	7468836 Dec 23, 2008	

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FLUID LEVEL REGULATOR Inventors: Douglas A. Tenney	11292840 Dec 1, 2005	20070125170 Jun 7, 2007	7472593 Jan 6, 2009	
TISSUE POSITIONING SYSTEMS AND METHODS FOR USE WITH RADIATION THERAPY Inventors: James B. Stubbs, Rance A. Winkler	10897382 Jul 22, 2004	20050085681 Apr 21, 2005	7494456 Feb 24, 2009	
BRACHYTHERAPY APPARATUS AND METHOD FOR TREATING A TARGET TISSUE THROUGH AN EXTERNAL SURFACE OF THE TISSUE Inventors: Rance A. Winkler, Bartolome J. Salazar, Timothy J. Patrick, James B. Stubbs	10704344 Nov 7, 2003	20050101825 May 12, 2005	7494457 Feb 24, 2009	
APPARATUS AND METHODS FOR SCANNING AND PRODUCING BIOLOGICAL SPECIMEN FILM STRIPS Inventors: Nathan P. Wood	10867605 Jun 14, 2004	20050277168 Dec 15, 2005	7504252 Mar 17, 2009	
REDUCED APERTURE BIOLOGICAL SPECIMEN COLLECTION AND TRANSFER DEVICE Inventors: Arthur L. Smith, Mark Wladkowski, Albert Wright	10971843 Oct 21, 2004	20060088930 Apr 27, 2006	7507578 Mar 24, 2009	

Title	Application	Publication	Patent	International Registration Number
MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION Inventors: Csaba Truckai, Russel Mahlon Sampson, Stephanie Squarcia, Alfonso Lawrence Ramirez, Estela Hilario	11196025 Aug 3, 2005	20050267468 Dec 1, 2005	7512445 Mar 31, 2009	
DRUG ELUTING BRACHYTHERAPY METHODS AND APPARATUS Inventors: Timothy J. Patrick, James B. Stubbs	10714586 Nov 14, 2003	20050107653 May 19, 2005	7524275 Apr 28, 2009	
CYTOLOGICAL IMAGING SYSTEM AND METHOD Inventors: David J. Zahniser, Matthew S. Zelinski, Thomas Dolash, Garrick L. Maenle, Mark Fleming, John S. Laudo	12177003 Jul 21, 2008	20080278707 Nov 13, 2008	7538861 May 26, 2009	
SPECIMEN VIAL CAP HANDLER AND SLIDE LABELER Inventors: Richard Victor	11076352 Mar 8, 2005	20060210432 Sep 21, 2006	7556777 Jul 7, 2009	
ILLUMINATION SOURCE FOR STAINED BIOLOGICAL SAMPLES Inventors: Michael Zahniser, David Zahniser, Daniel Parsons	11611123 Dec 14, 2006	20080144169 Jun 19, 2008	7561329 Jul 14, 2009	
TUMESCENT SKIN SPACING METHOD Inventors: Russel M. Sampson	11500675 Aug 8, 2006	20070028932 Feb 8, 2007	7563223 Jul 21, 2009	

Title	Application	Publication	Patent	International Registration Number
METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS Inventors: Roy A. Ostgaard, Theodore S. Geiselman	10421549 Apr 22, 2003	20030207456 Nov 6, 2003	7579190 Aug 25, 2009	
CATHETER PLACEMENT DETECTION SYSTEM AND OPERATOR INTERFACE Inventors: Brett S. Bowman, Vijay Dhaka, Kenneth Kitlas, Douglas C. Harrington	10924584 Aug 24, 2004	20050033281 Feb 10, 2005	7582085 Sep 1, 2009	
AUTOMATED IMAGE ANALYSIS Inventors: David Zahniser, Kam Lin Wong, Jim Linder, Douglas Tenney	11120437 May 2, 2005	20060245630 Nov 2, 2006	7587078 Sep 8, 2009	
METHOD AND SYSTEM FOR ORGANIZING MULTIPLE OBJECTS OF INTEREST IN FIELD OF INTEREST Inventors: David J. Zahniser, Garrick L. Maenle, William J. Knox JR., Ted S. Geiselman, Howard L. Greene, Matthew S. Zelinski, Joseph E. Zambanini	10866397 Jun 10, 2004	20040254738 Dec 16, 2004	7590492 Sep 15, 2009	
MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION Inventors: Csaba Truckai, Russel Mahlon Sampson, Stephanie Squarcia, Alfonso Lawrence Ramirez, Estela Hilario	10959771 Oct 6, 2004	20050085880 Apr 21, 2005	7604633 Oct 20, 2009	

Title	Application	Publication	Patent	International Registration Number
CROSS-FRAME OBJECT RECONSTRUCTION FOR IMAGE- BASED CYTOLOGY APPLICATIONS Inventors: Paul Dutta-Choudhury	11299046 Dec 9, 2005	20070133856 Jun 14, 2007	7636465 Dec 22, 2009	
CELL BLOCK CASSETTE DEVICE Inventors: Steven A. Scampini	11551623 Oct 20, 2006	20080097285 Apr 24, 2008	7666358 Feb 23, 2010	
METHODS FOR FIXING CYTOLOGICAL SAMPLES Inventors: Patrick J. McCormick, Kevin Patenaude, Robert Sakal	11538905 Oct 5, 2006	20070105187 May 10, 2007	7666671 Feb 23, 2010	
CYTOLOGICAL IMAGING SYSTEMS AND METHODS Inventors: Garrick L. Maenle, William J. Knox, David Zahniser	11861227 Sep 25, 2007	20080013812 Jan 17, 2008	7667890 Feb 23, 2010	
EMERGENCY HEMOSTASIS DEVICE UTILIZING ENERGY Inventors: Russel M. Sampson, Eugene V. Skalny	11118653 Apr 28, 2005	20060247614 Nov 2, 2006	7674260 Mar 9, 2010	
VIALS AND APPARATUS FOR OBTAINING AN ALIQUOT OF A SAMPLE Inventors: Robert Sakal, Hal Watts, Steve Scampini	11563639 Nov 27, 2006	20080121050 May 29, 2008	7674434 Mar 9, 2010	

Title	Application	Publication	Patent	International Registration Number
METHOD AND APPARATUS FOR OBTAINING ALIQUOT FROM LIQUID-BASED CYTOLOGICAL SAMPLE	11299394 Dec 12, 2005	20070134134 Jun 14, 2007	7686771 Mar 30, 2010	
Inventors: Hal Watts, Robert Sakal				
FILTER ASSEMBLY FOR MOLECULAR TESTING	11123832 May 5, 2005	20050247646 Nov 10, 2005	7687032 Mar 30, 2010	
Inventors: James Linder				
METHOD FOR IMPROVED IMAGE SEGMENTATION	11328354 Jan 9, 2006	20070036436 Feb 15, 2007	7689038 Mar 30, 2010	
Inventors: Michael Zahniser				
RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE	11211016 Aug 24, 2005	20060025758 Feb 2, 2006	7717909 May 18, 2010	
Inventors: Bruno Strul, Csaba Truckai, Russel Mahlon Sampson, Mark Leo Kane				
METHOD AND SYSTEM FOR TRANSCERVICAL TUBAL OCCLUSION	11019580 Dec 20, 2004	20060135956 Jun 22, 2006	7731712 Jun 8, 2010	
Inventors: Russel M. Sampson, Eugene V. Skalnyi, Estela H. Hilario, J. Brook Burley				
SYSTEMS AND METHODS FOR DRUG INFUSION WITH FEEDBACK CONTROL	11959143 Dec 18, 2007	20080146993 Jun 19, 2008	7744559 Jun 29, 2010	
Inventors: Suhas Krishna				

Title	Application	Publication	Patent	International Registration Number
APPARATUS FOR REMOVABLY RETAINING A SLIDE WITHIN A CASSETTE Inventors: Nathan P. Wood	10459881 Jun 12, 2003	20040251796 Dec 16, 2004	7753457 Jul 13, 2010	
METHOD FOR ASSESSING IMAGE FOCUS QUALITY Inventors: Michael Zahniser	11609274 Dec 11, 2006	20080137938 Jun 12, 2008	7769219 Aug 3, 2010	
DETECTION AND TYPING OF HUMAN PAPILLOMAVIRUS USING PNA PROBES Inventors: Menashi A. Cohenford, Brian Lentricchia	10323188 Dec 18, 2002	20030108866 Jun 12, 2003	7803530 Sep 28, 2010	
METHOD FOR FORMING AN OPTIMALLY EXPOSED IMAGE OF CYTOLOGICAL SPECIMEN Inventors: Barry Hunt	11613166 Dec 19, 2006	20080144898 Jun 19, 2008	7826652 Nov 2, 2010	
CELL BLOCK PROCESSING STATION Inventors: Timothy Hutchins, Hal Watts, Steven A. Scampini, Eric Grimes, Andrew H. Fischer	11839531 Aug 15, 2007	20080081363 Apr 3, 2008	7829021 Nov 9, 2010	
METHOD AND APPARATUS FOR TUBAL OCCLUSION Inventors: Douglas C. Harrington, Victoria E. Carr-Brendel, Brett S. Bowman	10812476 Mar 29, 2004	20040255958 Dec 23, 2004	7842035 Nov 30, 2010	

Title	Application	Publication	Patent	International Registration Number
METHOD AND APPARATUS FOR STERILIZATION Inventors: F. Mark Payne, Russel M. Sampson	11614900 Dec 21, 2006	20080154256 Jun 26, 2008	7846160 Dec 7, 2010	
MICROSCOPE CALIBRATION APPARATUS AND METHOD AND STAGE INCLUDING CALIBRATION APPARATUS Inventors: Robert Jennings	11953598 Dec 10, 2007	20090147355 Jun 11, 2009	7848019 Dec 7, 2010	
SLIDE MISLOAD DETECTION SYSTEM AND METHOD Inventors: Steven A. Scampini	11933889 Nov 1, 2007	20080055572 Mar 6, 2008	7859667 Dec 28, 2010	
FLUID LEVEL REGULATOR Inventors: Douglas A. Tenney	12333814 Dec 12, 2008	20090090416 Apr 9, 2009	7866209 Jan 11, 2011	
SCALABLE ARCHITECTURE FOR MAXIMIZING SLIDE THROUGHPUT Inventors: Barry Hunt, Daniel Geagon	11617112 Dec 28, 2006	20070156917 Jul 5, 2007	7870284 Jan 11, 2011	
IMAGING DEVICE WITH IMPROVED IMAGE SEGMENTATION Inventors: Michael Zahniser	12712023 Feb 24, 2010	20100150443 Jun 17, 2010	7881532 Feb 1, 2011	
SAMPLE VIAL FOR USE IN PREPARING CYTOLOGICAL SPECIMEN Inventors: Roy A. Ostgaard, Edward J. O'Connell, Mark J. Licari	12575424 Oct 7, 2009	20100021343 Jan 28, 2010	7887758 Feb 15, 2011	

Title	Application	Publication	Patent	International Registration Number
CELL BLOCK CASSETTE DEVICE Inventors: Steven A. Scampini	12684041 Jan 7, 2010	20100112629 May 6, 2010	7901946 Mar 8, 2011	
METHOD AND SYSTEM FOR DRUG DELIVERY Inventors: Russel M. Sampson	11735921 Apr 16, 2007	20070185435 Aug 9, 2007	7905862 Mar 15, 2011	
METHOD AND APPARATUS FOR TUBAL OCCLUSION Inventors: Douglas C. Harrington, Brett Bowman, Peter M. Breining	11752222 May 22, 2007	20070215163 Sep 20, 2007	7905880 Mar 15, 2011	
METHOD OF GENERATING AND USING BIOLOGICAL QUALIFICATION SLIDES TO QUALIFY BIOLOGICAL SCREENING DEVICES Inventors: Louise Isenstein, Peter Albany, Kimberly Lindfield, Daniel C. Lapen, Noorul Rahman	10866428 Jun 10, 2004	20040253144 Dec 16, 2004	7906337 Mar 15, 2011	
METHODS FOR PROCESSING CELL BLOCK Inventors: Timothy Hutchins, Hal Watts, Steven A. Scampini, Eric Grimes, Andrew H. Fischer	11839528 Aug 15, 2007	20080081351 Apr 3, 2008	7914462 Mar 29, 2011	
CELL BLOCK CASSETTE AND FILTER ASSEMBLY Inventors: Timothy Hutchins, Hal Watts, Steven A. Scampini, Eric Grimes	11839533 Aug 15, 2007	20080057573 Mar 6, 2008	7914738 Mar 29, 2011	

Title	Application	Publication	Patent	International Registration Number
METHOD FOR IMPROVING THE SHELF-LIFE OF HEMATOXYLIN STAINING SOLUTIONS Inventors: Patrick Foster	11953628 Dec 10, 2007	20080139827 Jun 12, 2008	7915432 Mar 29, 2011	
METHODS FOR DETECTING ONCOFETAL FIBRONECTIN Inventors: Robert Hussa, Mark Fischer-Colbrie, Andrew ` Senyei, Jerome P. Lapointe, Simon Shorter	11193789 Jul 29, 2005	20060024723 Feb 2, 2006	7943294 May 17, 2011	
CROSS-FRAME OBJECT RECONSTRUCTION FOR IMAGE-BASED CYTOLOGY APPLICATIONS Inventors: Paul Dutta-Choudhury	12611886 Nov 3, 2009	20100046824 Feb 25, 2010	8005289 Aug 23, 2011	
METHOD AND APPARATUS FOR UTERINE CAVITY LENGTH MEASUREMENT Inventors: Robert Kotmel, J. Brook Burley, Russel M. Sampson, Estela H. Hilario	11314051 Dec 20, 2005	20070142750 Jun 21, 2007	8007449 Aug 30, 2011	
METHOD FOR ASSESSING IMAGE FOCUS QUALITY Inventors: Michael Zahniser	12767316 Apr 26, 2010	20100208961 Aug 19, 2010	8014583 Sep 6, 2011	
MICROSCOPE SLIDE MARKING APPARATUS AND METHOD Inventors: Patrick Guiney, Raymond Jenoski	12535581 Aug 4, 2009	20100031519 Feb 11, 2010	8020305 Sep 20, 2011	

Title	Application	Publication	Patent	International Registration Number
FILTER FOR AUTOMATED SLIDE PREPARATION SYSTEM Inventors: David Hanlon	11550688 Oct 18, 2006	20080095672 Apr 24, 2008	8034307 Oct 11, 2011	
CELL BLOCK PROCESSING STATION Inventors: Timothy Hutchins, Hal Watts, Steven A. Scampini, Andrew H. Fischer, Eric Grimes	12876879 Sep 7, 2010	20100330660 Dec 30, 2010	8088329 Jan 3, 2012	
METHOD AND SYSTEM FOR IDENTIFYING BIOLOGICAL SPECIMEN SLIDES USING UNIQUE SLIDE FINGERPRINTS Inventors: Michael Zahniser, David Zahniser	12340232 Dec 19, 2008	20100021037 Jan 28, 2010	8103072 Jan 24, 2012	
METHOD AND SYSTEM FOR LOCATING AND FOCUSING ON FIDUCIAL MARKS ON SPECIMEN SLIDES Inventors: Michael R. Zahniser	11957236 Dec 14, 2007	20080152208 Jun 26, 2008	8116550 Feb 14, 2012	
METHOD AND APPARATUS FOR SPACING CELLULAR MATTER IN A CELL BLOCK Inventors: Eric Baur, Steven Scampini	12268298 Nov 10, 2008	20090165940 Jul 2, 2009	8118962 Feb 21, 2012	
METHOD AND SYSTEM FOR COLLECTING CELLS OF A BIOLOGICAL SPECIMEN Inventors: Eric V. Duhamel, Tuan Ha	11610395 Dec 13, 2006	20080142456 Jun 19, 2008	8119399 Feb 21, 2012	

Title	Application	Publication	Patent	International Registration Number
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METHOD AND APPARATUS FOR OBTAINING ALIQUOT FROM LIQUID-BASED CYTOLOGICAL SAMPLE	12717566 Mar 4, 2010	20100159584 Jun 24, 2010	8137289 Mar 20, 2012	
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Inventors: Hal Watts, Robert Sakal

METHOD AND APPARATUS FOR CALIBRATING FILTERS DURING SPECIMEN COLLECTION	12482731 Jun 11, 2009	20090312955 Dec 17, 2009	8137642 Mar 20, 2012	
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Inventors: Timothy Hutchins, Steven A. Scampini, Eric Baur

METHOD FOR MAGNETIC SEPARATION OF RED BLOOD CELLS FROM A PATIENT SAMPLE	12335748 Dec 16, 2008	20110104778 May 5, 2011	8137903 Mar 20, 2012	
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Inventors: Howie Kaufman, Lawrence Burg

ACTIVE GRIP FILTER PLUG FOR SAMPLE COLLECTION DEVICES	12340132 Dec 19, 2008	20090162930 Jun 25, 2009	8137958 Mar 20, 2012	
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Inventors: Eric E. Grimes, Steven A. Scampini, Ryan Oliva, Tuan Ha

LIGHT CURING FIXATIVE	11297701 Dec 8, 2005	20070134798 Jun 14, 2007	8163565 Apr 24, 2012	
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Inventors: Patric McCormick, James Linder

METHODS AND SYSTEMS FOR CONTROLABLY SCANNING A CYTOLOGICAL SPECIMEN	12335390 Dec 15, 2008	20090168160 Jul 2, 2009	8174763 May 8, 2012	
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Inventors: Patrick Guiney, Douglas A. Tenney

Title	Application	Publication	Patent	International Registration Number
METHOD AND SYSTEM OF DETERMINING THE STAIN QUALITY OF SLIDES USING SCATTER PLOT DISTRIBUTION Inventors: David Zahniser, Kam Lin Wong, Louise Isenstein	10795012 Mar 5, 2004	20040253616 Dec 16, 2004	8185317 May 22, 2012	
SAMPLE VIAL Inventors: ROY A. OSTGAARD, EDWARD J. O'CONNELL, MARK J. LICARI	29093806 Sep 18, 1998		D420744 Feb 15, 2000	
DIAGNOSTIC DETECTION DEVICE FOR ENCASING AN ASSAY TEST STRIP Inventors: EMORY V. ANDERSON, RICARDO MARTINEZ	29086799 Apr 20, 1998		D432244 Oct 17, 2000	
POINT OF CARE DIAGNOSTIC READER Inventors: EMORY V. ANDERSON, RICARDO MARTINEZ	29086781 Apr 20, 1998		D434153 Nov 21, 2000	
METHOD AND APPARATUS FOR ACQUIRING AN X-RAY IMAGE USING A SOLID STATE DEVICE Inventors: DENNY L. Y. LEE, LAWRENCE KAI-FUN CHEUNG	07992813 Dec 16, 1992		5319206 Jun 7, 1994	
IMAGE CAPTURE PANEL USING A SOLID STATE DEVICE Inventors: DENNY L.Y. LEE, LOTHAR S. JEROMIN, WILLIAM BINDLOSS	08371904 Jan 12, 1995		5498880 Mar 12, 1996	

Title	Application	Publication	Patent	International Registration Number
X-RAY PHOTOCONDUCTIVE COMPOSITIONS FOR X-RAY RADIOGRAPHY Inventors: NORMAN HERRON, YING WANG	08296213 Aug 25, 1994		5556716 Sep 17, 1996	
APPARATUS AND METHOD FOR ELIMINATING RESIDUAL CHARGES IN AN IMAGE CAPTURE PANEL Inventors: DENNY L. Y. LEE, LAWRENCE KAI-FUN CHEUNG	08475449 Jun 7, 1995		5563421 Oct 8, 1996	
METHOD AND APPARATUS FOR REDUCING NOISE IN A RADIATION CAPTURE DEVICE Inventors: DENNY L. LEE, EUGENE F. PALECKI, CORNELL L. WILLIAMS	08583256 Jan 5, 1996		5648660 Jul 15, 1997	
DIRECT RADIOGRAPHIC IMAGING PANEL Inventors: DENNY L. Y. LEE	08642772 May 3, 1996		5652430 Jul 29, 1997	
ELECTRONIC CASSETTE FOR RECORDING X-RAY IMAGES Inventors: LOTHAR S. JEROMIN, DENNY L. LEE, EDWARD N. LAWRENCE	07995729 Dec 23, 1992		5661309 Aug 26, 1997	
DIGITAL ARRAY FOR RADIOGRAPHIC IMAGING Inventors: JOHN A. CROWELL, JOSEPH A. PERROTTO, LOTHAR S. JEROMIN, DENNY L. Y. LEE	08756041 Nov 26, 1996		5804832 Sep 8, 1998	

Title	Application	Publication	Patent	International Registration Number
IMAGE CAPTURE DEVICE USING A SECONDARY ELECTRODE Inventors: DENNY LAP YEN LEE	08890290 Jul 9, 1997		5895936 Apr 20, 1999	
READOUT SEQUENCE FOR RESIDUAL IMAGE ELIMINATION IN A RADIATION DETECTION PANEL Inventors: DENNY L. Y. LEE	08979134 Nov 26, 1997		5969360 Oct 19, 1999	
IMAGE CAPTURE ELEMENT Inventors: DENNY L. Y. LEE, LAWRENCE K. CHEUNG	08987485 Dec 9, 1997		6025599 Feb 15, 2000	
SELECTIVE LASER REMOVAL OF DIELECTRIC COATING Inventors: CALIXTO ESTRADA	09157987 Sep 22, 1998		6060683 May 9, 2000	
DIRECT RADIOGRAPHIC IMAGING PANEL WITH SHIELDING ELECTRODE Inventors: LOTHAR S. JEROMIN, DENNY L. Y. LEE, KELLY GOLDEN	09177150 Oct 22, 1998		6075248 Jun 13, 2000	
BAD PIXEL COLUMN PROCESSING IN A RADIATION DETECTION PANEL Inventors: CHUANDE LIU	09255772 Feb 23, 1999		6118846 Sep 12, 2000	

Title	Application	Publication	Patent	International Registration Number
METHOD FOR AUTOMATIC DETECTION OF REGION OF INTEREST FOR DIGITAL X-RAY DETECTORS USING A FILTERED HISTOGRAM Inventors: CORNELL L. WILLIAMS	09196391 Nov 19, 1998		6118892 Sep 12, 2000	
Radiogram showing location of automatic exposure control sensor Inventors: Eric Gingold, James K. Merello, gregory F. Powell	09587022 Jun 5, 2000		6327336 Dec 4, 2001	
INTERACTIVE DIGITAL RADIOGRAPHIC SYSTEM Inventors: Robert Montgomery Taylor, Kelly Sue Herbst	09831696 May 11, 2001		6614873 Sep 2, 2003	
MAMMOGRAPHY SYSTEM WITH REARWARDLY TILTING MAMMOGRAPH Inventors: ROBERT P. COE	07980776 Nov 24, 1992		5305365 Apr 19, 1994	
STEREOTACTIC MAMMOGRAPHY IMAGING SYSTEM Inventors: ANTHONY J. PELLEGRINO, MILTON STOLLER, KENNETH F. DEFREITAS, DAVID D. CAMARRA, ANTHONY M. SCANDURA, RICHARD F. SCHUTZ, JEFFREY R. STORM	08185690 Jan 24, 1994		5426685 Jun 20, 1995	

Title	Application	Publication	Patent	International Registration Number
WHOLE-BODY DUAL-ENERGY BONE DENSITOMETRY USING A NARROW ANGLE FAN BEAM TO COVER THE ENTIRE BODY IN SUCCESSIVE SCANS	08156287 Nov 22, 1993		5432834 Jul 11, 1995	
Inventors: RUSSELL J. GERSHMAN				
METHOD AND APPARATUS FOR OBTAINING A CYTOLOGY MONOLAYER	08172232 Dec 23, 1993		5471994 Dec 5, 1995	
Inventors: RAOUF A. GUIRGUIS				
AUTOMATIC POSITION CONTROL SYSTEM FOR X-RAY MACHINES	08385099 Feb 7, 1995		5481586 Jan 2, 1996	
Inventors: ROBERT P. COE				
MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA)	08176418 Jan 3, 1994		5483960 Jan 16, 1996	
Inventors: PETER STEIGER, HOWARD P. WEISS				
DIGITAL SCAN MAMMOGRAPHY APPARATUS	08157992 Nov 26, 1993		5526394 Jun 11, 1996	
Inventors: BERNARD SICZEK, EMRE TOKER				
METHOD OF SCANNING THE SPINE OF A PATIENT TO DETERMINE BONE DENSITY ALONG TWO DIFFERENT AXES	08295171 Aug 22, 1994		5572998 Nov 12, 1996	
Inventors: WILLIAM O'NEILL, JAMES R. WARNE				

Title	Application	Publication	Patent	International Registration Number
METHOD AND APPARATUS FOR OBTAINING STEREOTACTIC MAMMOGRAPHIC GUIDED NEEDLE BREAST BIOPSIES Inventors: ANTHONY J. PELLEGRINO, KENNETH F. DEFREITAS	08437793 May 9, 1995		5594769 Jan 14, 1997	
AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE Inventors: ANTHONY J. PELLEGRINO, DANIEL N. LYKE, DAVID P. LIEB, JOSEPH A. BUTURLIA, MICHAEL P. APPLEBY	08438172 May 9, 1995		5606589 Feb 25, 1997	
PRONE POSITION STEREOTACTIC MAMMOGRAPHY NEEDLE BIOPSY APPARATUS AND METHOD FOR USING THE SAME Inventors: ANTHONY J. PELLEGRINO, MILTON STOLLER, KENNETH F. DEFREITAS, DAVID D. CAMARRA, ANTHONY M. SCANDURA, RICHARD F. SCHUTZ, JEFFREY R. STORM	08388810 Feb 15, 1995		5609152 Mar 11, 1997	
MAMMOGRAPHY APPARATUS WITH PROPORTIONAL COLLIMATION Inventors: TED M. ANDREW, KENNETH F. DEFREITAS, SAMSON L. PENNATTO, JAMES A. PRINCEHORN	08562115 Nov 22, 1995		5627869 May 6, 1997	

Title	Application	Publication	Patent	International Registration Number
BONE DENSITOMETRY SCANNING SYSTEM AND METHOD FOR SELECTING SCAN PARAMETRIC VALUES USING X-RAY THICKNESS MEASUREMENT	08525909	Sep 8, 1995	5687211	Nov 11, 1997
Inventors: NOAH BERGER, JOEL B. WEINSTEIN, DAO-YI ZHU				
CASSETTE FOR USE WITH AUTOMATED SPECIMEN HANDLING SYSTEM	08528791	Sep 15, 1995	5690892	Nov 25, 1997
Inventors: EGAN BABLER, RICHARD A. DOMANIK, PETER G. GOMBRICH, WILLIAM J. MAYER				
METHOD AND APPARATUS FOR MAMMOGRAPHIC COMPRESSION	08599597	Feb 9, 1996	5706327	Jan 6, 1998
Inventors: MIKE ADAMKOWSKI, RICHARD R. BIRD, DEBRA S. SAUNDERS				
X-RAY BONE DENSITOMETRY USING MULTIPLE PASS SCANNING WITH IMAGE BLENDING	08465736	Jun 6, 1995	5715820	Feb 10, 1998
Inventors: JAY A. STEIN, NOAH BERGER, RICHARD E. CABRAL				
AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE	08761538	Dec 6, 1996	5729585	Mar 17, 1998
Inventors: ANTHONY J. PELLEGRINO, DANIEL N. LYKE, DAVID P. LIEB, JOSEPH A. BUTURLIA, MICHAEL P. APPLEBY				

Title	Application	Publication	Patent	International Registration Number
X-RAY BONE DENSITOMETRY Inventors: JAY S. STEIN, NOAH BERGER	08524997 Sep 8, 1995		5748705 May 5, 1998	
SINGLE/DUAL-ENERGY X-RAY DENSITOMETRY SCANNING, INCLUDING OPERATOR SELECTED SCANNING SEQUENCES Inventors: ERIC VON STETTEN, PETER STEIGER, JAY A. STEIN, HOWARD P. WEISS, THOMAS L. KELLY	08484484 Jun 7, 1995		5778045 Jul 7, 1998	
AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE Inventors: ANTHONY J. PELLEGRINO, DANIEL N. LYKE, DAVID P. LIEB, JOSEPH A. BUTURLIA, MICHAEL P. APPLEBY	08759798 Dec 3, 1996		5814235 Sep 29, 1998	
METHOD AND APPARATUS FOR FAST DETECTION OF SPICULATED LESIONS IN DIGITAL MAMMOGRAMS Inventors: JIMMY R. ROEHRIG, HARLAN M. ROMSDAHL, WEI ZHANG	08676660 Jul 10, 1996		5815591 Sep 29, 1998	
AUTOMATED SLIDE MARKER USING A DRY PRESSURE SENSITIVE MARKING MEDIUM Inventors: WILLIAM J. MAYER	08723828 Sep 30, 1996		5833794 Nov 10, 1998	

Title	Application	Publication	Patent	International Registration Number
SYSTEM FOR RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY Inventors: WILLIAM O'NEILL, JAMES R. WARNE	08455188 May 31, 1995		5891033 Apr 6, 1999	
X-RAY IMAGE PROCESSING Inventors: ZHONGMIN LIN	08880978 Jun 23, 1997		5930327 Jul 27, 1999	
SYSTEM FOR SIMPLIFYING THE IMPLEMENTATION OF SPECIFIED FUNCTIONS Inventors: RICHARD A. DOMANIK, DENNIS W. GRUBER, WILLIAM J. MAYER	08529188 Sep 15, 1995		5930732 Jul 27, 1999	
EQUIPMENT AND METHOD FOR CALIBRATION AND QUALITY ASSURANCE OF AN ULTRASONIC BONE ANALYSIS APPARATUS Inventors: KEVIN E. WILSON, DONALD BARRY, DENNIS G. LAMSER, JOHN P. O'BRIEN, JAY A. STEIN	08866804 May 30, 1997		5935073 Aug 10, 1999	
BONE DENSITOMETRY USING X-RAY IMAGING SYSTEMS Inventors: JAY A. STEIN, HOWARD P. WEISS, VINCENT E. QUINN, RICHARD E. CABRAL, JOHN A. SHEPHERD, KEVIN E. WILSON	08794615 Feb 3, 1997		5949846 Sep 7, 1999	

Title	Application	Publication	Patent	International Registration Number
SPECIMEN MANAGEMENT SYSTEM Inventors: RICHARD A. DOMANIK, PETER G. GOMBRICH, WILLIAM J. MAYER	08926182 Sep 9, 1997		5963368 Oct 5, 1999	
MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA) Inventors: PETER STEIGER, HOWARD P. WEISS	08987409 Dec 9, 1997		6002959 Dec 14, 1999	
X-RAY BONE DENSITOMETRY Inventors: JAY A. STEIN, STEVEN TETA, DONALD BARRY, RICHARD E. CABRAL, TRACY L. RAMSDELL, TINA LEFEBVRE, NOAH BERGER, TOM RICHARDSON, ERIC VON STETTEN, HOWARD P. WEISS, THOMAS L. KELLY, RUSSELL J. GERSHMAN	08345069 Nov 25, 1994		6009147 Dec 28, 1999	
SYSTEM FOR ASSESSING BONE CHARACTERISTICS Inventors: JOEL B. WEINSTEIN, DONALD BARRY	09013361 Jan 23, 1998		6029078 Feb 22, 2000	
AUTOMATIC EXPOSURE AND BRIGHTNESS CONTROL FOR FLUOROSCOPIC AND RADIO- GRAPHIC IMAGING Inventors: OSCAR KHUTORYANSKY, THOMAS ROSEVEAR, YEVGENIY MALTSEV, THOMAS SIMAK, GREGORY PASMAN, JAMES A. PRINCEHORN	09047535 Mar 25, 1998		6047042 Apr 4, 2000	

Title	Application	Publication	Patent	International Registration Number
AIR CROSS GRIDS FOR RADIATION IMAGING Inventors: DANIEL N. LYKE, ANTHONY J. PELLEGRINO, DAVID P. LIEB, JOSEPH A. BUTURLIA, MICHAEL P. APPLEBY	09021655 Feb 10, 1998		6075840 Jun 13, 2000	
METHOD AND SYSTEM FOR COMPUTER-AIDED LESION DETECTION USING INFORMATION FROM MULTIPLE IMAGES Inventors: JIMMY R. ROEHRIG, ALEXANDER C. SCHNEIDER, SHIH- PING WANG	09178901 Oct 26, 1998		6075879 Jun 13, 2000	
METHOD AND APPARATUS FOR PREPARING SUBSTANCES FOR OPTICAL ANALYSIS Inventors: RAOUF A. GUIRGUIS	08836486 May 5, 1997		6091483 Jul 18, 2000	

Showing properties 1 to 500



Assignment Details

28810-745: SECURITY AGREEMENT

Date Recorded	Reel/Frame	Pages
Aug 1, 2012	28810-745	78

Assignor

HOLOGIC, INC. Aug 1, 2012

BIOLUCENT, LLC Aug 1, 2012

CYTYC CORPORATION Aug 1, 2012

CYTYC SURGICAL PRODUCTS, LIMITED PARTNERSHIP Aug 1, 2012

SUROS SURGICAL SYSTEMS, INC. Aug 1, 2012

THIRD WAVE TECHNOLOGIES, INC. Aug 1, 2012

GEN-PROBE INCORPORATED Aug 1, 2012

Assignee

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Properties (1147 total)

Showing properties 501 to 1000

Title	Application	Publication	Patent	International Registration Number
CYTOLOGICAL SPECIMEN ANALYSIS SYSTEM WITH SLIDE MAPPING AND GENERATION OF VIEWING PATH INFORMATION Inventors: RICHARD A. DOMANIK, VLADIMIR DADESHIDZE, LARS J. OLSSON	08736790 Oct 25, 1996		6091842 Jul 18, 2000	
X-RAY BONE DENSITOMETRY USING A VERTICALLY SCANNING GANTRY Inventors: RICHARD E. CABRAL, JAY A. STEIN	08649280 May 17, 1996		6102567 Aug 15, 2000	
MULTIFUNCTIONAL CONTROL UNIT FOR A MICROSCOPE Inventors: RICHARD A. DOMANIK, DENNIS W. GRUBER, PETER G. GOMBRICH, WILLIAM J. MAYER	08768711 Dec 18, 1996		6118581 Sep 12, 2000	

Title	Application	Publication	Patent	International Registration Number
ULTRASONIC BONE TESTING APPARATUS WITH REPEATABLE POSITIONING AND REPEATABLE COUPLING	09374138	Aug 10, 1999	6135964	Oct 24, 2000
Inventors: DONALD BARRY, RICHARD E. CABRAL, DANIEL W. HAWKINS, DENNIS G. LAMSER, JOHN P. O'BRIEN, JAY A. STEIN, KEVIN E. WILSON				
SPECIMEN PREVIEW AND INSPECTION SYSTEM	08895756	Jul 17, 1997	6148096	Nov 14, 2000
Inventors: NORMAN J. PRESSMAN, RICHARD A. DOMANIK				
HIGH-PRECISION COMPUTER- AIDED MICROSCOPE SYSTEM	09174140	Oct 16, 1998	6151161	Nov 21, 2000
Inventors: WILLIAM J. MAYER, NORMAN J. PRESSMAN, RICHARD A. DOMANIK				
METHOD AND SYSTEM FOR DETECTION OF SUSPICIOUS LESIONS IN DIGITAL MAMMOGRAMS USING A COMBINATION OF SPICULATION AND DENSITY SIGNALS	09141289	Aug 27, 1998	6198838	Mar 6, 2001
Inventors: JIMMY R. ROEHRIG, TAKESHI DOI, NICO KARSSEMEIJER, GUIDO M. TE BRAKE				
X-RAY BONE DENSITOMETRY APPARATUS	08968777	Nov 10, 1997	6217214	Apr 17, 2001
Inventors: RICHARD E. CABRAL, RUSSELL J. GERSHMAN				

Title	Application	Publication	Patent	International Registration Number
SYSTEM FOR RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY Inventors: WILLIAM O'NEILL, JAMES R. WARNE	08454716 May 31, 1995		6230036 May 8, 2001	
DETERMINING BODY COMPOSITION USING FAN BEAM DUAL-ENERGY X-RAY ABSORPTIOMETRY Inventors: JOHN A. SHEPHERD, THOMAS L. KELLY	09292480 Apr 15, 1999		6233473 May 15, 2001	
MINIATURE C-ARM APPARATUS WITH C-ARM MOUNTED CONTROLS Inventors: PERRY J. TOMASETTI, SANDRA L. BROWN, SCOTT M. KEANE	09270373 Mar 16, 1999		6234672 May 22, 2001	
MINIATURE C-ARM APPARATUS WITH MULTIPLE X-RAY INDICATORS Inventors: PERRY J. TOMASETTI, WILLIAM E. HIGGINS	09399983 Sep 20, 1999		6236712 May 22, 2001	
MINIATURE C-ARM APPARATUS WITH DUAL VIDEO DISPLAY MONITOR AND SINGLE DRIVER INTERFACE THEREFOR Inventors: PERRY J. TOMASETTI, SANDRA L. BROWN, WILLIAM E. HIGGINS	09419593 Oct 18, 1999		6256374 Jul 3, 2001	

Title	Application	Publication	Patent	International Registration Number
Method and apparatus for removing tissue from a region of interest using stereotactic radiographic guidance Inventors: Alexander S. Kreizman, Kenneth F. Defreitas, Alan W. Rego	09641998 Aug 18, 2000		6258104 Jul 10, 2001	
METHOD OF ASSESSING BONE CHARACTERISTICS USING DIGITAL 2-DIMENSIONAL X-RAY DETECTOR Inventors: JOEL WEINSTEIN, JAY A. STEIN, HOWARD P. WEISS, VINCENT E. QUINN, JOHN A. SHEPHERD, KEVIN E. WILSON	09234034 Jan 19, 1999		6282258 Aug 28, 2001	
APPARATUS FOR MIXING AND SEPARATING PARTICULATE MATTER FROM A FLUID Inventors: RAOUF A. GUIRGUIS, MARK T. MACLEAN-BLEVINS	09185606 Nov 4, 1998		6296764 Oct 2, 2001	
METHOD AND APPARATUS FOR AUTOMATED DETECTION OF MASSES IN DIGITAL MAMMOGRAMS Inventors: NICO KARSSEMEIJER, GUIDO M. TE BRAKE	08868277 Jun 3, 1997		6301378 Oct 9, 2001	
METHOD AND APPARATUS FOR AUTOMATICALLY SEPARATING PARTICULATE MATTER FROM A FLUID Inventors: RAOUF A. GUIRGUIS	09053010 Apr 1, 1998		6309362 Oct 30, 2001	

Title	Application	Publication	Patent	International Registration Number
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METHODS FOR DETECTION OF A TARGET NUCLEIC ACID USING A PROBE COMPRISING SECONDARY STRUCTURE	09686179 Oct 11, 2000		6350580 Feb 26, 2002	
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Inventors: Joseph A. Sorge

BONE ANALYSIS APPARATUS AND METHOD FOR CALBRATION AND QUALITY ASSURANCE OF AN ULTRASONIC BONE ANALYSIS APPARATUS	09277838 Mar 26, 1999		6352512 Mar 5, 2002	
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Inventors: KEVIN E. WILSON,
DONALD BARRY, DENNIS G.
LAMSER, JOHN P. O'BRIEN, JAY A.
STEIN

Method for simultaneously processing plural samples containing particulate matter in a fluid	09536616 Mar 28, 2000		6379565 Apr 30, 2002	
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Inventors: Raouf A. Guirguis, Mark T.
Maclean-Blevins

DEVICE AND METHOD FOR DETERMINING FUTURE FRACTURE RISK	09448959 Nov 24, 1999		6385283 May 7, 2002	
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Inventors: Jay A. Stein, Eric Von
Stetten, Howard P. Weiss, John P.
Fallon, Andrew P. Smith, Kevin E.
Wilson

METHOD AND SYSTEM FOR FAST DETECTION OF LINES IN MEDICAL IMAGES	09087245 May 28, 1998		6404908 Jun 11, 2002	
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Inventors: ALEXANDER C.
SCHNEIDER, JIMMY R. ROEHRIG

Title	Application	Publication	Patent	International Registration Number
LARGE AREA ARRAY SINGLE EXPOSURE DIGITAL MAMMOGRAPHY Inventors: LIM CHEUNG	09396474 Sep 15, 1999		6416218 Jul 9, 2002	
SPECIMEN PREVIEW AND INSPECTION SYSTEM Inventors: NORMAN J. PRESSMAN, RICHARD A. DOMANIK	09034690 Mar 4, 1998		6430309 Aug 6, 2002	
USER INTERFACE SYSTEM FOR MAMMOGRAPHIC IMAGER Inventors: JOHN CONNOR, MORGAN W. NIELDS, CURTIS DALY	09449267 Nov 24, 1999		6459925 Oct 1, 2002	
TWO-DIMENSIONAL SLOT X-RAY BONE DENSITOMETRY, RADIOGRAPHY AND TOMOGRAPHY Inventors: Kevin E. Wilson, Jay A. Stein, Richard Cabral, Andrew P. Smith, Vinnie Quinn	09767286 Jan 22, 2001	20010048732 Dec 6, 2001	6496557 Dec 17, 2002	
METHODS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE Inventors: JOSEPH A. SORGE	09430692 Oct 29, 1999		6528254 Mar 4, 2003	
CYTOLOGICAL AND HISTOLOGICAL FIXATIVE COMPOSITION AND METHODS OF USE Inventors: Raouf A. Guirguis, Mariamena El-Amin	09741861 Dec 22, 2000	20020094577 Jul 18, 2002	6531317 Mar 11, 2003	

Title	Application	Publication	Patent	International Registration Number
INSPECTION SYSTEM WITH SPECIMEN PREVIEW Inventors: Norman J. Pressman, Richard A. Domanik	09483205 Jan 14, 2000		6535626 Mar 18, 2003	
METHODS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE Inventors: Joseph A. Sorge	09650888 Aug 30, 2000		6548250 Apr 15, 2003	
METHOD AND APPARATUS FOR AUTOMATED DETECTION OF MASSES IN DIGITAL IMAGES Inventors: Nico Karssemeijer, Guido M. te Brake	09974317 Oct 9, 2001	20020054700 May 9, 2002	6580818 Jun 17, 2003	
METHODS FOR DETECTION OF A TARGET NUCLEIC ACID Inventors: Joseph A. Sorge	09981621 Oct 17, 2001	20020102591 Aug 1, 2002	6589743 Jul 8, 2003	
METHOD AND APPARATUS FOR FAST DETECTION OF LESIONS Inventors: Jimmy R. Roehrig, Harlan M. Romsdahl, Wei Zhang	09907585 Jul 17, 2001	20020003894 Jan 10, 2002	6640001 Oct 28, 2003	
WIDE DYNAMIC RANGE DIGITAL IMAGING SYSTEM AND METHOD Inventors: Brian Rodricks, Michael G. Hoffberg	09884810 Jun 19, 2001	20020195566 Dec 26, 2002	6791091 Sep 14, 2004	

Title	Application	Publication	Patent	International Registration Number
METHOD FOR MIXING AND PROCESSING SPECIMEN SAMPLES Inventors: Marianna El-Amin, Raouf A. Guirguis, Nashed Samaan	09720543 Jun 25, 2001		6830935 Dec 14, 2004	
INTEGRATED X-RAY AND ULTRASOUND MEDICAL IMAGING SYSTEM Inventors: Guy M. Besson, Morgan W. Nields	10455878 Jun 6, 2003	20040249271 Dec 9, 2004	6846289 Jan 25, 2005	
DIGITAL FLAT PANEL X-RAY RECEPTOR POSITIONING IN DIAGNOSTIC RADIOLOGY Inventors: Andrew P. Smith, Jay A. Stein, Kevin E. Wilson, Richard E. Cabral, Remo Rossi, James D. Miller	09941250 Aug 28, 2001	20020080921 Jun 27, 2002	6851851 Feb 8, 2005	
AUTOMATIC REGION OF INTEREST LOCATOR FOR AP SPINAL IMAGES AND FOR HIP IMAGED IN BONE DENSITOMETRY Inventors: Christopher Ruth, Howard P. Weiss, Kevin E. Wilson, Eric Von Stetten, Tom Richardson	09721644 Nov 24, 2000		6853741 Feb 8, 2005	
METHODS FOR DETECTION OF A NUCLEIC ACID BY SEQUENTIAL AMPLIFICATION Inventors: Joseph A. Sorge	09717602 Nov 21, 2000		6893819 May 17, 2005	

Title	Application	Publication	Patent	International Registration Number
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COMMUNICATING COMPUTER-AIDED DETECTION RESULTS IN A STANDARDS-BASED MEDICAL IMAGING ENVIRONMENT	10463627 Jun 16, 2003	20040252871 Dec 16, 2004	6909795 Jun 21, 2005	
Inventors: Raymond H. Tecotzky, Julian Marshall				

CELL-BASED DETECTION AND DIFFERENTIATION OF LUNG CANCER	10095297 Mar 12, 2002	20030104499 Jun 5, 2003	6939670 Sep 6, 2005	
Inventors: Norman J. Pressman, Kenneth S. Hirsch				

ARTICLE HANDLING SYSTEM AND METHOD	10274385 Oct 21, 2002	20030118487 Jun 26, 2003	6974294 Dec 13, 2005	
Inventors: Norman J. Pressman, Lucien J. Wroblewski				

METHOD AND APPARATUS FOR AN IMPROVED COMPUTER AIDED DIAGNOSIS SYSTEM	09992059 Nov 21, 2001		7054473 May 30, 2006	
Inventors: Jimmy Roehrig, Sandra J. Stapleton, Julian Marshall, Susan A. Wood				

METHOD AND APPARATUS FOR EXPANDING THE USE OF EXISTING COMPUTER-AIDED DETECTION CODE	10079327 Feb 19, 2002		7072498 Jul 4, 2006	
Inventors: Jimmy Roehrig, Sussan Pourjavid, Xiaolan Zeng, Haili Chui, Akira Hasegawa				

Title	Application	Publication	Patent	International Registration Number
METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY CAPTURE Inventors: Joseph A. Sorge, Anne M. Whalen	09728574 Nov 30, 2000	20060035215 Feb 16, 2006	7118860 Oct 10, 2006	
AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING Inventors: Zhenxue Jing, Lawrence Cheung	11059282 Feb 16, 2005	20060180771 Aug 17, 2006	7122803 Oct 17, 2006	
FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL, TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING Inventors: Zhenxue Jing, Georgia Hitzke, Donald Kennedy, Andrew Smith, Jay A. Stein	10305480 Nov 27, 2002	20040101095 May 27, 2004	7123684 Oct 17, 2006	
METHOD AND SYSTEM FOR AUTOMATIC IDENTIFICATION AND ORIENTATION OF MEDICAL IMAGES Inventors: Keith W. Hartman, Julian Marshall, Alexander C. Schneider, Jimmy R. Roehrig	09721347 Nov 22, 2000		7146031 Dec 5, 2006	
PROTEOMIC ANALYSIS OF BIOLOGICAL FLUIDS Inventors: Ron Rosenfeld, Sri Nagalla, Mike Gravett	10400005 Mar 25, 2003	20040197930 Oct 7, 2004	7191068 Mar 13, 2007	

Title	Application	Publication	Patent	International Registration Number
PORTABLE INDUSTRIAL X-RAY SYSTEM CONVENIENTLY FIELD-CONFIGURABLE FOR GAS OR LIQUID COOLING Inventors: Gerald Baur, Donald Sharpe	11066749 Feb 25, 2005	20060029185 Feb 9, 2006	7192189 Mar 20, 2007	
METHOD AND APPARATUS FOR CORRECTION OF MAMMOGRAMS FOR NON-UNIFORM BREAST THICKNESS Inventors: Alexander Caldwell Schneider, Nicolaas Karssemeijer	10054437 Jan 18, 2002		7203348 Apr 10, 2007	
AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING Inventors: Snezana Bogdanovich, Lawrence Cheung, Zhenxue Jing, Samir Parikh	11341925 Jan 27, 2006	20060180768 Aug 17, 2006	7233005 Jun 19, 2007	
X-RAY MAMMOGRAPHY/TOMOSYNTHESIS OF PATIENT'S BREAST Inventors: Zhenxue Jing, Loren Niklason, Ian Shaw, Ken Defreitas, Tom Farbizio, Christopher Ruth, Baorui Ren, Andrew P. Smith, Jay Stein	11203852 Aug 15, 2005	20070036265 Feb 15, 2007	7245694 Jul 17, 2007	
COMPOSITIONS AND KITS FOR DETECTION OF A NUCLEIC ACID BY SEQUENTIAL AMPLIFICATION Inventors: Joseph A. Sorge	10981942 Nov 5, 2004	20050147996 Jul 7, 2005	7276597 Oct 2, 2007	

Title	Application	Publication	Patent	International Registration Number
DICOM COMPLIANT FILE COMMUNICATION INCLUDING QUANTITATIVE AND IMAGE DATA Inventors: JOHN P. FALLON, HOWARD P. WEISS, DAVID MISLAN	09449002 Nov 24, 1999		7283857 Oct 16, 2007	
APPARATUS AND METHOD FOR MIXING SPECIMENS IN VIALS Inventors: William J. Mayer	11100631 Apr 7, 2005	20050195684 Sep 8, 2005	7284900 Oct 23, 2007	
METHOD AND APPARATUS FOR QUALITY ASSURANCE AND QUALITY CONTROL IN RADIOLOGICAL EQUIPMENT USING AUTOMATIC ANALYSIS TOOLS Inventors: Julian Marshall, Keith W. Hartman	10288151 Nov 4, 2002		7298876 Nov 20, 2007	
AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING Inventors: Lawrence Cheung, Snezana Bogdanovich, Elena Ingal, Cornell L. Williams	11412396 Apr 27, 2006	20060192131 Aug 31, 2006	7304308 Dec 4, 2007	
METHODS FOR DETECTION OF A NUCLEIC ACID BY SEQUENTIAL AMPLIFICATION Inventors: Joseph A. Sorge	11198762 Aug 5, 2005	20060110748 May 25, 2006	7309573 Dec 18, 2007	

Title	Application	Publication	Patent	International Registration Number
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FILTRATION SYSTEM AND METHOD FOR OBTAINING A CYTOLOGY LAYER	10274380 Oct 21, 2002	20030092170 May 15, 2003	7316779 Jan 8, 2008	
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Inventors: Norman J. Pressman,
William J. Mayer, Richard W.
Corrigan JR.

METHOD AND APPARATUS FOR BLOCKING RADIOGRAPHIC SCATTER	10412723 Apr 11, 2003	20040202279 Oct 14, 2004	7319734 Jan 15, 2008	
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Inventors: Guy M. Besson, Morgan
W. Nields, Mike Tesic

MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES, AUTOMATIC COLLIMATION, AND RETRACTABLE ANTI-SCATTER GRID	11607748 Nov 30, 2006	20070076844 Apr 5, 2007	7319735 Jan 15, 2008	
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Inventors: Kenneth F. Defreitas,
Anthony Pellegrino, Thomas A.
Farbizio, Roman Janer, Georgia
Hitzke

METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY CAPTURE	11150775 Jun 10, 2005	20060094036 May 4, 2006	7361467 Apr 22, 2008	
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Inventors: Joseph A. Sorge, Anne M.
Whalen

DUAL LABELED FLUORESCENT PROBES	11203320 Aug 12, 2005	20060088856 Apr 27, 2006	7361469 Apr 22, 2008	
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Inventors: Joseph A. Sorge, Reinhold
Mueller, Gotham Padmabandu

Title	Application	Publication	Patent	International Registration Number
CONTAINER UNCAPPING MECHANISM AND METHOD Inventors: William J. Mayer	10274363 Oct 21, 2002	20030088963 May 15, 2003	7377027 May 27, 2008	
HYBRID IMAGING METHOD TO MONITOR MEDICAL DEVICE DELIVERY AND PATIENT SUPPORT FOR USE IN THE METHOD Inventors: Cameron Anthony Piron, Christopher Alexander Luginbuhl, Donald B. Plewes	10916738 Aug 12, 2004	20050080333 Apr 14, 2005	7379769 May 27, 2008	
COMPOSITIONS AND METHODS FOR THE DETECTION OF A NUCLEIC ACID USING A CLEAVAGE REACTION Inventors: Joseph A. Sorge	11286573 Nov 23, 2005	20060246469 Nov 2, 2006	7381532 Jun 3, 2008	
DISTRIBUTED ARCHITECTURE FOR MAMMOGRAPHIC IMAGE ACQUISITION AND PROCESSING Inventors: Thomas J. Minyard, Morgan W. Nields, Ted V. Kremer	10440488 May 16, 2003	20040114714 Jun 17, 2004	7406150 Jul 29, 2008	
FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL, TOMOSYNTHESIS, AND DYNAMIC FIELD OF VIEW PROCESSING Inventors: Zhenxue Jing, Georgia Hitzke, Donald Kennedy, Andrew Smith, Jay A. Stein	11582061 Oct 16, 2006	20070030949 Feb 8, 2007	7430272 Sep 30, 2008	

Title	Application	Publication	Patent	International Registration Number
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MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID	10496049 Oct 18, 2004	20050063509 Mar 24, 2005	7443949 Oct 28, 2008	
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Inventors: Kenneth F Defreitas,
Anthony Pellegrino, Thomas A
Farbizio, Roman Janer, Georgia
Hitzke

COMPOSITIONS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE	11442618 May 25, 2006	20070099206 May 3, 2007	7468251 Dec 23, 2008	
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Inventors: Joseph A. Sorge

METHOD AND APPARATUS FOR EXPANDING THE USE OF EXISTING COMPUTER-AIDED DETECTION CODE	11375379 Mar 13, 2006		7477766 Jan 13, 2009	
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Inventors: Jimmy Roehrig, Sussan
Pourjavid, Xiaolan Zeng, Haili Chui,
Akira Hasegawa

METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY CAPTURE	11106237 Apr 14, 2005	20050255512 Nov 17, 2005	7482121 Jan 27, 2009	
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Inventors: Joseph A. Sorge, Anne M.
Whalen

Title	Application	Publication	Patent	International Registration Number
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BREAST COMPRESSION FOR DIGITAL MAMMOGRAPHY, TOMOSYNTHESIS AND OTHER MODALITIES	11729048 Mar 27, 2007	20070280412 Dec 6, 2007	7489761 Feb 10, 2009	
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Inventors: Kenneth Defreitas, Linda Hopponen, Ian Shaw, Loren Niklason, Jay Stein, Andrew P. Smith

METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY FORMING A CLEAVAGE STRUCTURE WITH A CLEAVAGE RESISTANT PROBE	11607341 Nov 30, 2006	20070292865 Dec 20, 2007	7534568 May 19, 2009	
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Inventors: Joseph A. Sorge

SCATTER REJECTION FOR COMPOSITE MEDICAL IMAGING SYSTEMS	10552934 Jan 8, 2007	20070104313 May 10, 2007	7564938 Jul 21, 2009	
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Inventors: Mike Tesic, Guy M. Besson, Morgan W. Nields

AUTOMATED SYSTEM AND METHOD FOR PROCESSING MULTIPLE LIQUID-BASED SPECIMENS	10274366 Oct 21, 2002	20030092186 May 15, 2003	7572638 Aug 11, 2009	
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Inventors: Norman J. Pressman, William J. Mayer

IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS	11271050 Nov 11, 2005	20060098855 May 11, 2006	7577282 Aug 18, 2009	
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Inventors: Nikolaos A. Gkanatsios, Loren Niklason, Ian Shaw, Christopher Ruth, Andrew P. Smith, Jay A. Stein

Title	Application	Publication	Patent	International Registration Number
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X-RAY MAMMOGRAPHY/TOMOSYNTHESIS OF PATIENT'S BREAST	11810539 Jun 6, 2007	20070242800 Oct 18, 2007	7583786 Sep 1, 2009	
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Inventors: Zhenxue Jing, Loren
Niklason, Jay Stein, Ian Shaw, Ken
DeFreitas, Tom Farbizio, Christopher
Ruth, Baorui Ren, Andrew P. Smith

COMPOSITIONS AND METHODS FOR THE DETECTION OF A NUCLEIC ACID USING A CLEAVAGE REACTION	11699736 Jan 29, 2007	20080038734 Feb 14, 2008	7585632 Sep 8, 2009	
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Inventors: Joseph A. Sorge, Andrew
Firmin, Scott Happe

MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES, AUTOMATIC COLLIMATION, AND RETRACTABLE ANTI-SCATTER GRID	12014405 Jan 15, 2008	20080112534 May 15, 2008	7609806 Oct 27, 2009	
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Inventors: Kenneth F. DEFREITAS,
Anthony PELLEGRINO, Thomas A.
FARBIZIO, Roman JANER, Georgia
HITZKE

AUTOMATIC REGION OF INTEREST LOCATOR FOR AP SPINAL IMAGES AND FOR HIP IMAGES IN BONE DENSITOMETRY	10937516 Sep 8, 2004	20050094859 May 5, 2005	7609871 Oct 27, 2009	
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Inventors: Christopher Ruth, Howard
P. Weiss, Kevin E. Wilson, Eric Von
Stetten, Tom Richardson

Title	Application	Publication	Patent	International Registration Number
IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS Inventors: Nikolaos A. Gkanatsios, Loren Niklason, Ian Shaw, Christopher Ruth, Andrew P. Smith, Jay A. Stein	11827909 Jul 13, 2007	20080019581 Jan 24, 2008	7616801 Nov 10, 2009	
METHODS AND COMPOSITIONS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE UTILIZING A PROBE WITH A 3' FLAP Inventors: Andrew Firmin, Joseph A. Sorge	11701605 Feb 1, 2007	20080026387 Jan 31, 2008	7625705 Dec 1, 2009	
BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS Inventors: Chris Ruth, Jay Stein, Loren Niklason, Andrew Smith	11903021 Sep 20, 2007	20090080752 Mar 26, 2009	7630533 Dec 8, 2009	
DISTRIBUTED ARCHITECTURE FOR MAMMOGRAPHIC IMAGE ACQUISITION AND PROCESSING Inventors: Thomas J. Minyard, Morgan W. Nields, Ted V. Kremer	12179766 Jul 25, 2008	20080279439 Nov 13, 2008	7639780 Dec 29, 2009	
COMPOSITIONS AND KITS FOR DETECTION OF A TARGET NUCLEIC ACID Inventors: Joseph A. Sorge	11606531 Nov 29, 2006	20070231815 Oct 4, 2007	7655405 Feb 2, 2010	

Title	Application	Publication	Patent	International Registration Number
SIMULTANEOUS GRAYSCALE AND GEOMETRIC REGISTRATION OF IMAGES Inventors: Peter R. Snoeren, Nico Karssemeijer	11026558 Dec 30, 2004	20050163360 Jul 28, 2005	7664302 Feb 16, 2010	
COMMUNICATING COMPUTER-AIDED DETECTION RESULTS IN A STANDARDS-BASED MEDICAL IMAGING ENVIRONMENT Inventors: Raymond H. Tecotzky, Julian Marshall	11148674 Jun 8, 2005	20050244041 Nov 3, 2005	7668352 Feb 23, 2010	
MODEL-BASED GRAYSCALE REGISTRATION OF MEDICAL IMAGES Inventors: Peter R. Snoeren, Nico Karssemeijer	10623191 Jul 18, 2003	20050013471 Jan 20, 2005	7668358 Feb 23, 2010	
PROCESSING MEDICAL IMAGE INFORMATION TO DETECT ANATOMICAL ABNORMALITIES Inventors: Takeshi Doi, Wei Zhang	11419980 May 23, 2006	20070274578 Nov 29, 2007	7672494 Mar 2, 2010	
METHODS AND COMPOSITIONS FOR THE DETECTION OF A NUCLEIC ACID USING A NON-INVASIVE CLEAVAGE REACTION Inventors: Joseph A. Sorge, Scott Happe, Andrew Firmin	11639781 Dec 15, 2006	20080299549 Dec 4, 2008	7678541 Mar 16, 2010	

Title	Application	Publication	Patent	International Registration Number
FACILITATING COMPUTER-AIDED DETECTION, COMPARISON, OR DISPLAY OF MEDICAL IMAGES Inventors: Jimmy R. Roehrig, Julian Marshall	10622978 Jul 18, 2003	20040213447 Oct 28, 2004	7680315 Mar 16, 2010	
MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES, AUTOMATIC COLLIMATION, AND RETRACTABLE ANTI-SCATTER GRID Inventors: Kenneth F. DEFREITAS, Anthony PELLEGRINO, Thomas A. FARBIZIO, Roman JANER, Georgia HITZKE	12463256 May 8, 2009	20090245460 Oct 1, 2009	7688940 Mar 30, 2010	
MATCHING GEOMETRY GENERATION AND DISPLAY OF MAMMOGRAMS AND TOMOSYNTHESIS IMAGES Inventors: Baorui Ren, Christopher Ruth, Andrew P. Smith, Kevin Wilson, Jay A. Stein	11667650 Nov 30, 2007	20080130979 Jun 5, 2008	7702142 Apr 20, 2010	
ESTIMATING VISCERAL FAT BY DUAL-ENERGY X-RAY ABSORPTIOMETRY Inventors: Thomas Kelly, Kevin E. Wilson, Christopher Ruth	10958107 Oct 4, 2004	20060074288 Apr 6, 2006	7725153 May 25, 2010	
METHODS OF DETECTION OF A TARGET NUCLEIC ACID SEQUENCE Inventors: Joseph A. Sorge	11606518 Nov 29, 2006	20070292863 Dec 20, 2007	7736854 Jun 15, 2010	

Title	Application	Publication	Patent	International Registration Number
FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL, TOMOSYNTHESIS, AND DYNAMIC FIELD OF VIEW PROCESSING Inventors: Zhenxue Jing, Georgia Hitzke, Donald Kennedy, Andrew Smith, Jay A. Stein	12233240 Sep 18, 2008	20090010384 Jan 8, 2009	7760853 Jul 20, 2010	
SYSTEM AND METHOD FOR GENERATING A 2D IMAGE FROM A TOMOSYNTHESIS DATA SET Inventors: Chris Ruth, Andrew Smith, Jay Stein	12276006 Nov 21, 2008	20090123052 May 14, 2009	7760924 Jul 20, 2010	
SYSTEM AND METHODS FOR PREVENTING INTRAVASATION DURING INTRAUTERINE PROCEDURES Inventors: William H. Gruber, Ronald D. Adams, Kevin G. Connors, Geoffrey B. Pardo, James Daniel Cole, J. Christopher Flaherty	11852116 Sep 7, 2007	20080097467 Apr 24, 2008	7763033 Jul 27, 2010	
COMPOSITIONS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE Inventors: Joseph A. Sorge	11442065 May 25, 2006	20070161011 Jul 12, 2007	7767396 Aug 3, 2010	
FACILITATING COMPARISON OF MEDICAL IMAGES Inventors: Takeshi Doi, Vilim Simcic, Jimmy R. Roehrig	11323939 Dec 29, 2005	20070160271 Jul 12, 2007	7769216 Aug 3, 2010	

Title	Application	Publication	Patent	International Registration Number
VIAL SYSTEM AND METHOD FOR PROCESSING LIQUID-BASED SPECIMENS Inventors: Norman J. Pressman, William J. Mayer	10122151 Apr 15, 2002	20030077838 Apr 24, 2003	7771662 Aug 10, 2010	
BREAST COMPRESSION FOR DIGITAL MAMMOGRAPHY, TOMOSYNTHESIS AND OTHER MODALITIES Inventors: Kenneth Defreitas, Linda Hopponen, Ian Shaw, Jay Stein, Andrew P. Smith, Loren Niklason	12362275 Jan 29, 2009	20090135997 May 28, 2009	7792244 Sep 7, 2010	
BREAST TOMOSYNTHESIS SYSTEM WITH SHIFTING FACE SHIELD Inventors: Georgia Hitzke, Kathleen Pickett, Nikolaos Gkanatsios, Ken Defreitas, John Girgenti, Tim Stango, Tom Farbizio	12491147 Jun 24, 2009	20090323892 Dec 31, 2009	7792245 Sep 7, 2010	
REVERSE TRANSCRIPTASE COMPOSITIONS FOR FLAP- MEDIATED DETECTION OF A TARGET NUCLEIC ACID SEQUENCE Inventors: Joseph A. Sorge	11442525 May 25, 2006	20070099205 May 3, 2007	7794935 Sep 14, 2010	

Title	Application	Publication	Patent	International Registration Number
ASSESSING CARDIOVASCULAR AND VERTEBRAL/HIP FRACTURE RISK AND BONE CONDITION USING QUANTITATIVE COMPUTED TOMOGRAPHY AND/OR DUAL ENERGY X-RAY ABSORPTIOMETRY Inventors: Kevin Wilson, Bral Herrington	11701834 Feb 2, 2007	20080082002 Apr 3, 2008	7801347 Sep 21, 2010	
CARDIOVASCULAR RISK ASSESSMENTS USING AORTIC CALCIFICATION INFORMATION DERIVED FROM X-RAY MEASUREMENTS TAKEN WITH A DUAL ENERGY X-RAY DENSITOMETER Inventors: Kevin Wilson, Brad Herrington	11542280 Oct 2, 2006	20080080753 Apr 3, 2008	7804992 Sep 28, 2010	
CLEAVAGE OF NUCLEIC ACIDS Inventors: Joseph A. Sorge	11708623 Feb 16, 2007	20070212725 Sep 13, 2007	7807365 Oct 5, 2010	
VIAL SYSTEM AND METHOD FOR PROCESSING LIQUID-BASED SPECIMENS Inventors: Norman J. PRESSMAN, William J. MAYER	12732078 Mar 25, 2010	20100178711 Jul 15, 2010	7807476 Oct 5, 2010	
DISPLAYING AND NAVIGATING COMPUTER-AIDED DETECTION RESULTS ON A REVIEW WORKSTATION Inventors: Jimmy R. Roehrig, Julian Marshall	11173960 Jul 1, 2005	20070003119 Jan 4, 2007	7809175 Oct 5, 2010	

Title	Application	Publication	Patent	International Registration Number
METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY FORMING A CLEAVAGE STRUCTURE USING AN RNA POLYMERASE	11476893 Jun 22, 2006	20090117540 May 7, 2009	7824859 Nov 2, 2010	
Inventors: Joseph A. Sorge				
X-RAY MAMMOGRAPHY WITH TOMOSYNTHESIS	10723486 Nov 26, 2003	20050113681 May 26, 2005	7831296 Nov 9, 2010	
Inventors: Kenneth F. DeFreitas, Baorui Ren, Chris Ruth, Ian Shaw, Andrew P. Smith, Jay A. Stein				
METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY FORMING A CLEAVAGE STRUCTURE USING A REVERSE TRANSCRIPTASE	11473828 Jun 22, 2006	20090011408 Jan 8, 2009	7838225 Nov 23, 2010	
Inventors: Joseph A. Sorge				
METHODS OF DETECTING AN AMPLIFIED NUCLEIC ACID	11606651 Nov 29, 2006	20080058216 Mar 6, 2008	7846661 Dec 7, 2010	
Inventors: Joseph A. Sorge				
INTEGRATED MULTI-MODE MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM AND METHOD	11791601 Feb 22, 2008	20090003519 Jan 1, 2009	7869563 Jan 11, 2011	
Inventors: Kenneth Defreitas, Tom Farbizio, Baori Ren, Chris Ruth, Ian Shaw, Andrew Smith, Jay Stein				

Title	Application	Publication	Patent	International Registration Number
X-RAY MAMMOGRAPHY/TOMOSYNTHESIS OF PATIENT'S BREAST Inventors: Zhenxue JING, Loren Niklason, Jay Stein, Ian Shaw, Ken Defreitas, Tom Farbizio, Christopher Ruth, Baorui Ren, Andrew P. Smith	12541715 Aug 14, 2009	20090304147 Dec 10, 2009	7881428 Feb 1, 2011	
FACILITATING TEMPORAL COMPARISON OF MEDICAL IMAGES Inventors: Gabriele Zingaretti, Jimmy R. Roehrig, Julian Marshall, Zhong Tao	11600246 Nov 14, 2006	20070122021 May 31, 2007	7885443 Feb 8, 2011	
PATIENT WORKLIST MANAGEMENT IN DIGITAL RADIOGRAPHY REVIEW WORKSTATIONS Inventors: Jimmy R. Roehrig, Julian Marshall	11208271 Aug 18, 2005	20070041623 Feb 22, 2007	7889896 Feb 15, 2011	
METHOD FOR CHARACTERIZING X-RAY DETECTOR MATERIALS USING A RAMAN MICROSCOPE Inventors: Victor Mazzio	12179265 Jul 24, 2008	20100020317 Jan 28, 2010	7907274 Mar 15, 2011	
SUPINE PATIENT SUPPORT FOR MEDICAL IMAGING Inventors: Christopher Alexander Luginbuhl, Cameron Anthony Piron, Josh Richmond	12124558 May 21, 2008	20080216239 Sep 11, 2008	7908690 Mar 22, 2011	

Title	Application	Publication	Patent	International Registration Number
IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS Inventors: Nikolaos A. Gkanatsios, Loren Niklason, Ian Shaw, Andrew P. Smith, Jay A. Stein, Christopher Ruth	12539460 Aug 11, 2009	20090296882 Dec 3, 2009	7916915 Mar 29, 2011	
DIAGNOSTIC SYSTEM FOR MULTIMODALITY MAMMOGRAPHY Inventors: Jasjit S. Suri, Roman Janer, Yujun Guo, Edris A. Elbakri	11632082 Jul 13, 2009	20090297006 Dec 3, 2009	7916918 Mar 29, 2011	
USER DEFINABLE SCANNING PROTOCOLS FOR USE WITH MAMMOGRAPHIC COMPUTER- AIDED DETECTION AND FILM SCANNING SYSTEMS Inventors: Julian Marshall, Mark B. Ivey, Brian T. Matuska	11803558 May 15, 2007	20080049996 Feb 28, 2008	7929740 Apr 19, 2011	
DISPLAYING BREAST TOMOSYNTHESIS COMPUTER- AIDED DETECTION RESULTS Inventors: George Allen Khorasani	11906566 Oct 2, 2007	20090087067 Apr 2, 2009	7929743 Apr 19, 2011	
MICROCONTROLLER SYSTEM FOR IDENTIFYING RF COILS IN THE BORE OF A MAGNETIC RESONANCE IMAGING SYSTEM Inventors: John W. Hansen, Joshua L. Richmond, Han Wang, Gal Sela	12277035 Nov 24, 2008	20090149737 Jun 11, 2009	7940047 May 10, 2011	

Title	Application	Publication	Patent	International Registration Number
FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL, TOMOSYNTHESIS, AND DYNAMIC FIELD OF VIEW PROCESSING Inventors: Zhenxue JING, Georgia Hitzke, Donald Kennedy, Jay A. Stein, Andrew Smith	12699613 Feb 3, 2010	20100135456 Jun 3, 2010	7949091 May 24, 2011	
DEDICATED BREAST RADIATION IMAGING/THERAPY SYSTEM Inventors: Kenneth BROOKS, Jay A. STEIN, Andrew P. SMITH	11944196 Nov 21, 2007	20090080594 Mar 26, 2009	7957508 Jun 7, 2011	
OPEN ARCHITECTURE IMAGING APPARATUS AND COIL SYSTEM FOR MAGNETIC RESONANCE IMAGING Inventors: Cameron Anthony Piron, Christopher Alexander Luginbuhl, Donald B. Plewes	11442944 Aug 28, 2006	20070016003 Jan 18, 2007	7970452 Jun 28, 2011	
MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES, AUTOMATIC COLLIMATION, AND RETRACTABLE ANTI-SCATTER GRID Inventors: Kenneth F. DEFREITAS, Anthony PELLEGRINO, Thomas A. FARBIZIO, Roman JANER, Georgia HITZKE	12710184 Feb 22, 2010	20100150306 Jun 17, 2010	7986765 Jul 26, 2011	

Title	Application	Publication	Patent	International Registration Number
VACUUM ASSISTED BIOPSY DEVICE Inventors: Terry D. Hardin, Joseph L. Mark, William O. Hodge, Zachary R. Nicoson, Michael E. Miller	12039364 Feb 28, 2008	20080200833 Aug 21, 2008	7988642 Aug 2, 2011	
MULTI-MODE TOMOSYNTHESIS/MAMMOGRAPHY GAIN CALIBRATION AND IMAGE CORRECTION USING GAIN MAP INFORMATION FROM SELECTED PROJECTION ANGLES Inventors: Baorui Ren, Andrew P. Smith, Zhenxue Jing, Jay Stein	12507450 Jul 22, 2009	20100054400 Mar 4, 2010	7991106 Aug 2, 2011	
HYBRID IMAGING METHOD TO MONITOR MEDICAL DEVICE DELIVERY AND PATIENT SUPPORT FOR USE IN THE METHOD Inventors: Cameron Anthony Piron, Christopher Alexander Luginbuhl, Donald B. Plewes	12109909 Apr 25, 2008	20080255443 Oct 16, 2008	8050736 Nov 1, 2011	
DIAGNOSIS OF INTRA-UTERINE INFECTION BY PROTEOMIC ANALYSIS OF CERVICAL-VAGINAL FLUIDS Inventors: Ron Rosenfeld, Srinivasa Nagalla, Mike Gravett	11595221 Nov 9, 2006	20070161125 Jul 12, 2007	8068990 Nov 29, 2011	

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USER SELECTABLE AND USER DEFINABLE SCANNING PROTOCOLS IN MAMMOGRAPHIC FILM SCANNING SYSTEM WITH STACK FILM FEEDER	13089237 Apr 18, 2011	20110194157 Aug 11, 2011	8073222 Dec 6, 2011	
Inventors: Julian Marshall, Mark B. Ivey, Brian T. Matuska				
FACILITQATING COMPUTER- AIDED DETECTION, COMPARISON AND/OR DISPLAY OF MEDICAL IMAGES BY STANDARDIZING IMAGES FROM DIFFERENT SOURCES	12704232 Feb 11, 2010	20100142793 Jun 10, 2010	8086015 Dec 27, 2011	
Inventors: Jimmy R. Roehrig, Julian Marshall				
PROCESSING MEDICAL IMAGES OF THE BREAST TO DETECT ANATOMICAL ABNORMALITIES THEREIN	12334431 Dec 12, 2008	20100150417 Jun 17, 2010	8139832 Mar 20, 2012	
Inventors: Ashwini KSHIRSAGAR				
DISPLAYING COMPUTER-AIDED DETECTION RESULTS ASSOCIATED WITH A MEDICAL IMAGE VOLUME	13089266 Apr 18, 2011	20110194740 Aug 11, 2011	8139834 Mar 20, 2012	
Inventors: George Allen Khorasani				
FACILITATING TEMPORAL COMPARISON OF MEDICAL IMAGES	13022609 Feb 7, 2011	20110128289 Jun 2, 2011	8144959 Mar 27, 2012	
Inventors: Gabriele Zingaretti, Jimmy R. Roehrig, Julian Marshall, Zhong Tao				

Title	Application	Publication	Patent	International Registration Number
POST-ACQUISITION ADAPTIVE RECONSTRUCTION OF MRI DATA Inventors: Cameron Anthony Piron, Jae Koul Kim	12056908 Mar 27, 2008	20080240533 Oct 2, 2008	8155417 Apr 10, 2012	
MATCHING GEOMETRY GENERATION AND DISPLAY OF MAMMOGRAMS AND TOMOSYNTHESIS IMAGES Inventors: Baorui Ren, Christopher Ruth, Andrew P. Smith, Jay A. Stein, Kevin Wilson	12535343 Aug 4, 2009	20100195882 Aug 5, 2010	8155421 Apr 10, 2012	
MAMMOGRAPHY/TOMOSYNTHESIS SYSTEMS AND METHODS AUTOMATICALLY DERIVING BREAST CHARACTERISTICS FROM BREAST X-RAY IMAGES AND AUTOMATICALLY ADJUSTING IMAGE PROCESSING PARAMETERS ACCORDINGLY Inventors: Andrew Paul SMITH, Biao Chen, Zhenxue Jing	12396978 Mar 3, 2009	20100226475 Sep 9, 2010	8170320 May 1, 2012	
INTEGRATED MULTI-MODE MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM AND METHOD Inventors: Kenneth DEFREITAS, Tom Farbizio, Baori Ren, Chris Ruth, Ian Shaw, Andrew Smith, Jay Stein	12954971 Nov 29, 2010	20110069809 Mar 24, 2011	8175219 May 8, 2012	
REDUCING FALSE POSITIVES IN COMPUTER-AIDED DETECTION Inventors: Paul CHAN, Keith W. HARTMAN	12276300 Nov 21, 2008	20090136113 May 28, 2009	8175367 May 8, 2012	

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DISPLAYING AND NAVIGATING COMPUTER-AIDED DETECTION RESULTS ON A REVIEW WORKSTATION	12896839 Oct 1, 2010	20110019887 Jan 27, 2011	8184881 May 22, 2012	
Inventors: Jimmy R. Roehrig, Julian Marshall				
FACILITATING COMPARISON OF MEDICAL IMAGES	11602575 Nov 21, 2006	20080118138 May 22, 2008	8194947 Jun 5, 2012	
Inventors: Gabriele Zingaretti, Jimmy R. Roehrig, Julian Marshall, Vincenzo Velocci				
THREE AXIS, THREE BUTTON MOUSE	29082182 Jan 16, 1998		D404731 Jan 26, 1999	
Inventors: WILLIAM J. MAYER				
THREE AXIS THREE BUTTON MOUSE	29082181 Jan 16, 1998		D405073 Feb 2, 1999	
Inventors: WILLIAM J. MAYER				
SPECIMEN PROCESSING INSTRUMENT	29160604 May 15, 2002		D474279 May 6, 2003	
Inventors: William J. Mayer, James D. Morrow				
STAND FOR SPECIMEN COLLECTION CONTAINER	29207450 Jun 15, 2004		D517700 Mar 21, 2006	
Inventors: Norman J. Pressman, James D. Morrow				

Title	Application	Publication	Patent	International Registration Number
PATIENT SUPPORT FOR PRONE IMAGING AND INTERVENTION TABLE	29220988 Jan 7, 2005		D533278 Dec 5, 2006	
Inventors: Chris Luginbuhl, Cameron Piron, Donald B. Plewes				
PATIENT SUPPORT FOR PRONE IMAGING AND INTERVENTION TABLE	29268396 Nov 6, 2006		D569977 May 27, 2008	
Inventors: Chris Luginbuhl, Cameron Piron, Donald B. Plewes				
BIOPSY SITE MARKER	29343900 Sep 21, 2009		D625005 Oct 5, 2010	
Inventors: Brian S. Zimmer, Zachary R. Nicoson, Laresha V. Fluker				
METHOD AND APPARATUS FOR INDEPENDENT DISPLAY IN A COMPUTER-AIDED DETECTION SYSTEM	09992046 Nov 21, 2001		7174515 Feb 6, 2007	
Inventors: Julian Marshall, Jimmy Roehrig, Sandra J. Stapleton, John R. Johns II, Paul J. Fehrenbach				
BIOPSY SITE MARKER	29379025 Nov 12, 2010		D643118 Aug 9, 2011	
Inventors: Brian S. Zimmer, Zachary R. Nicoson, Laresha V. Fluker, Kyle S. Curry				
MEDICAL IMAGE REVIEW WORKSTATION WITH INTEGRATED CONTENT-BASED RESOURCE RETRIEVAL	11026603 Dec 30, 2004	20060147099 Jul 6, 2006	7616793 Nov 10, 2009	
Inventors: Julian Marshall, Keith W. Hartman, Jimmy R. Roehrig				

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METHOD AND APPARATUS FOR CORRECTION OF MAMMOGRAMS FOR NON-UNIFORM BREAST THICKNESS	11416646	May 2, 2006	7630532	Dec 8, 2009
Inventors: Alexander Caldwell Schneider, Nicolaas Karssemeijer				
APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL	08018045	Feb 16, 1993	5403276	Apr 4, 1995
Inventors: ALAN M. SCHECHTER, JOSEPH L. MARK, FREDERICK R. STAVE				
TRANSMISSION MECHANISM FOR A SURGICAL CUTTING INSTRUMENT	08201277	Feb 24, 1994	5411513	May 2, 1995
Inventors: DAN C. IRELAND, MICHAEL E. MILLER				
ROTARY SURGICAL CUTTING INSTRUMENT	08141405	Oct 22, 1993	5423844	Jun 13, 1995
Inventors: MICHAEL E. MILLER				
APPARATUS FOR COLLECTING AND STAGING TISSUE	08383777	Feb 6, 1995	5575293	Nov 19, 1996
Inventors: MICHAEL E. MILLER, JOSEPH L. MARK, ALAN M. SCHECHTER				
METHOD AND APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL	08483385	Jun 7, 1995	5643304	Jul 1, 1997
Inventors: JOSEPH L. MARK, ALAN M. SCHECHTER, FREDERICK R. STAVE, ROGER WHITE				

Title	Application	Publication	Patent	International Registration Number
METHOD FOR MINIMALLY INVASIVE TISSUE REMOVAL Inventors: ALAN M. SCHECHTER, JOSEPH L. MARK	08319126 Oct 6, 1994		5669876 Sep 23, 1997	
METHOD AND APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL Inventors: ALAN M. SCHECHTER, FREDERICK R. STAVE, JOSEPH L. MARK	08486350 Jun 7, 1995		5685840 Nov 11, 1997	
SURGICAL CUTTING INSTRUMENT Inventors: MICHAEL E. MILLER	08278558 Jul 21, 1994		5782849 Jul 21, 1998	
SURGICAL CUTTING INSTRUMENT Inventors: MICHAEL E. MILLER, DAN C. IRELAND	09015832 Jan 29, 1998		5911701 Jun 15, 1999	
SURGICAL CUTTING INSTRUMENT Inventors: MICHAEL E. MILLER	09118045 Jul 17, 1998		5997560 Dec 7, 1999	
NON-REFLECTIVE SURFACES FOR SURGICAL PROCEDURES Inventors: JOSEPH L. MARK, MICHAEL E. MILLER	09053429 Apr 1, 1998		6120518 Sep 19, 2000	

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SYSTEM FOR CONTROLLING A MOTOR DRIVEN SURGICAL CUTTING INSTRUMENT Inventors: JOSEPH L. MARK, MICHAEL E. MILLER, MIKLOS T. KARA, DANIEL JOHN HENRY, BRIAN MCCARY	09175293 Oct 20, 1998		6245084 Jun 12, 2001	
System for controlling a motor driven surgical cutting instrument Inventors: Joseph L. Mark, Michael E. Miller, Miklos T. Kara, Daniel John Henry, Brian McCary	09789040 Feb 20, 2001	20010007944 Jul 12, 2001	6358263 Mar 19, 2002	
DISPOSABLE HUB FOR A SURGICAL CUTTING INSTRUMENT Inventors: DAN C. IRELAND, CRAIG L. DRAGER, MICHAEL E. BISCH, JOHN J. WEIDENBENNER	09335153 Jun 17, 1999		6494892 Dec 17, 2002	
BIOPSY APPARATUS Inventors: Michael E. Miller, Joseph L. Mark, Charles Butcher, John Phillip Hancock	09864031 May 23, 2001	20020082519 Jun 27, 2002	6638235 Oct 28, 2003	
BIOPSY APPARATUS Inventors: Michael E. Miller, Joseph L. Mark, Charles Butcher, John Phillip Hancock	09707022 Nov 6, 2000		6758824 Jul 6, 2004	
NEEDLE GUIDE FOR STEREOTACTIC BIOPSY Inventors: Joseph L. Mark, Zachary R. Nicoson	10377542 Feb 28, 2003		7322990 Jan 29, 2008	

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INTRODUCTION SYSTEM FOR MINIMALLY INVASIVE SURGICAL INSTRUMENTS Inventors: Joseph L. Mark, Michael E. Miller, Timothy A. Goedde	10649068 Aug 27, 2003	20040077938 Apr 22, 2004	7347829 Mar 25, 2008	
VACUUM ASSISTED BIOPSY NEEDLE SET Inventors: Joseph L. Mark	10964959 Oct 14, 2004	20050080355 Apr 14, 2005	7390306 Jun 24, 2008	
BIOPSY APPARATUS Inventors: Michael E. Miller	10903305 Jul 28, 2004	20050027210 Feb 3, 2005	7458940 Dec 2, 2008	
BIOPSY APPARATUS WITH VACUUM RELIEF Inventors: Michael E. Miller	10970269 Oct 21, 2004	20070027407 Feb 1, 2007	7497833 Mar 3, 2009	
SELECTIVELY OPENABLE TISSUE FILTER Inventors: Joseph L. Mark, Zachary R. Nicoson, Terry D Hardin	11132034 May 18, 2005	20060260994 Nov 23, 2006	7556622 Jul 7, 2009	
ADAPTER ASSEMBLY FOR STEREOTACTIC BIOPSY Inventors: Michael E. Miller, Joseph L. Mark, Ronald L. Hofmann, Terry D. Hardin	10803698 Mar 18, 2004	20040230133 Nov 18, 2004	7628762 Dec 8, 2009	
BIOPSY SITE MARKER DEPLOYMENT DEVICE Inventors: Terry D. Hardin, Zachary R. Nicoson, Michael E. Miller, Brian Zimmer	11305141 Dec 16, 2005	20070142725 Jun 21, 2007	7761137 Jul 20, 2010	

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TISSUE COLLECTION TRAY Inventors: Terry D. Hardin, Joseph L. Mark	12033967 Feb 20, 2008	20090050516 Feb 26, 2009	7798331 Sep 21, 2010	
FLUID CONTROL ELEMENT FOR BIOPSY APPARATUS Inventors: Zachary R. Nicoson, Joseph L. Mark, Terry D. Hardin	11351917 Feb 10, 2006	20060129062 Jun 15, 2006	7837630 Nov 23, 2010	
SELECTIVELY DETACHABLE OUTER CANNULA HUB Inventors: Michael E. Miller, Joseph L. Mark, Charles Butcher, John P. Hancock	11364123 Feb 28, 2006	20060155209 Jul 13, 2006	7883476 Feb 8, 2011	
ADJUSTABLE SPACER Inventors: Terry D. Hardin	12114294 May 2, 2008	20090275858 Nov 5, 2009	8043316 Oct 25, 2011	
VACUUM ASSISTED BIOPSY DEVICE Inventors: Zachary R. Nicoson, Jacob Flagle, Michael E. Miller, Joseph L. Mark	12205291 Sep 5, 2008	20090082696 Mar 26, 2009	8048003 Nov 1, 2011	
SELECTIVE LOCKING MECHANISM FOR AN INTRODUCER DEVICE Inventors: Jacob Flagle, Zachary R. Nicoson, Joseph L. Mark, Terry D. Hardin	12125655 May 22, 2008	20090292244 Nov 26, 2009	8057432 Nov 15, 2011	

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SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES Inventors: Phillip M. Leopold, Zachary R. Nicoson	11561919 Nov 21, 2006	20070093726 Apr 26, 2007	8060183 Nov 15, 2011	
SURGICAL SITE MARKER DELIVERY SYSTEM Inventors: Joseph L. Mark, Brian Zimmer, Zachary R. Nicoson	11238295 Sep 28, 2005		8062230 Nov 22, 2011	
FLUID CONNECTOR AND BIOPSY SYSTEM INCLUDING SAME Inventors: Joseph L. Mark	10786727 Feb 25, 2004		8066648 Nov 29, 2011	
BIOPSY APPARATUS Inventors: Michael E. Miller, Joseph L. Mark, John P. Hancock, Charles Butcher	10639569 Aug 12, 2003	20040049128 Mar 11, 2004	8109886 Feb 7, 2012	
SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY Inventors: Joseph L. Mark	11237110 Sep 28, 2005	20070083129 Apr 12, 2007	8123698 Feb 28, 2012	
SECUREMENT FOR A SURGICAL SITE MARKER AND DEPLOYMENT DEVICE FOR SAME Inventors: Joseph L. Mark, Zachary R. Nicoson	12113625 May 1, 2008	20080294092 Nov 27, 2008	8137320 Mar 20, 2012	
SLOTTED DEPLOYMENT DEVICE Inventors: Aaron P. Barr	12208188 Sep 10, 2008	20100063458 Mar 11, 2010	8157812 Apr 17, 2012	

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BIOPSY APPARATUS WITH VACUUM RELIEF Inventors: Michael E. Miller	12359857 Jan 26, 2009	20090137927 May 28, 2009	8167818 May 1, 2012	
SURGICAL DEVICE AND METHOD FOR USING SAME Inventors: Michael E. Miller, Jake Flagle, Joseph L. Mark, Zachary R. Nicoson	12031423 Feb 14, 2008	20090088664 Apr 2, 2009	8187204 May 29, 2012	
SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY Inventors: Joseph L. Mark	11550209 Oct 17, 2006	20070123815 May 31, 2007	8172770 May 8, 2012	
TISSUE COLLECTION SYSTEM Inventors: Michael E. Miller, Terry D. Hardin	12030658 Feb 13, 2008	20090204020 Aug 13, 2009	8172771 May 8, 2012	
ROTATING SURGICAL CUTTER Inventors: Michael E. Miller, Charles Butcher	11235637 Sep 26, 2005	20070073326 Mar 29, 2007	8187294 May 29, 2012	
BIOPSY APPARATUS Inventors: Michael E. Miller	12258815 Oct 27, 2008	20090048533 Feb 19, 2009	8192370 Jun 5, 2012	
TISSUE COLLECTION TRAY Inventors: Terry D. Hardin	29283627 Aug 20, 2007		D601247 Sep 29, 2009	

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID ENCODING SYNTHESIS-DEFICIENT THERMOSTABLE DNA POLYMERASE Inventors: JAMES E. DAHLBERG, VICTOR I. LYAMICHEV, MARY A.D. BROW	08073384 Jun 4, 1993		5541311 Jul 30, 1996	
5' NUCLEASES DERIVED FROM THERMOSTABLE DNA POLYMERASE Inventors: JAMES E. DAHLBERG, VICTOR I. LYAMICHEV, MARY ANN D. BROW	08254359 Jun 6, 1994		5614402 Mar 25, 1997	
DETECTION OF TARGET NUCLEIC ACID MOLECULES USING SYNTHESIS-DEFICIENT THERMOSTABLE DNA POLYMERASE Inventors: JAMES E. DAHLBERG, VICTOR I. LYAMICHEV, MARY ANN D. BROW	08483043 Jun 6, 1995		5691142 Nov 25, 1997	
CLEAVASE FRAGMENT LENGTH POLYMORPHISM Inventors: JAMES E. DAHLBERG, VICTOR I. LYAMICHEV, MARY ANN D. BROW, MARY C. OLDENBURG	08789079 Feb 6, 1997		5719028 Feb 17, 1998	
DETECTION OF NUCLEIC ACIDS BY TARGET-CATALYZED PRODUCT FORMATION Inventors: LINDA M. WESTERN, SAMUEL J. ROSE, EDWIN F. ULLMAN	08691627 Aug 2, 1996		5792614 Aug 11, 1998	

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SYNTHESIS-DEFICIENT THERMOSTABLE DNA POLYMERASE Inventors: JAMES E. DAHLBERG, VICTOR I. LYAMICHEV, MARY ANN D. BROW	08481238 Jun 6, 1995		5795763 Aug 18, 1998	
DETECTION OF TARGET NUCLEIC ACID MOLECULES USING THERMOSTABLE 5' NUCLEASE Inventors: JAMES E. DAHLBERG, VICTOR I. LYAMICHEV, MARY ANN D. BROW	08471066 Jun 6, 1995		5837450 Nov 17, 1998	
RAPID DETECTION OF MUTATIONS IN THE P53 GENE Inventors: LAURA M. HEISLER, LANCE FORS, MARY A.D. BROW	08484956 Jun 7, 1995		5843654 Dec 1, 1998	
CLEAVAGE OF NUCLEIC ACID ACID USING THERMOSTABLE METHOANOCOCCUS JANNASCHII FEN-1 ENDONUCLEASES Inventors: MICHAEL W. KAISER, VICTOR I. LYAMICHEV, NATASHA LYAMICHEVA	08757653 Nov 29, 1996		5843669 Dec 1, 1998	
DETECTION OF NUCLEIC ACID SEQUENCES BY INVADER- DIRECTED CLEAVAGE Inventors: MARY A. D. BROW, JEFF S. G. HALL, VICTOR LYAMICHEV, DAVID M. OLIVE, JAMES R. PRUDENT	08599491 Jan 24, 1996		5846717 Dec 8, 1998	

Title	Application	Publication	Patent	International Registration Number
RAPID DETECTION AND IDENTIFICATION OF NUCLEIC ACID VARIANTS Inventors: JAMES E. DAHLBERG, VICTOR I. LYAMICHEV, MARY ANN D. BROW, MARY C. OLDENBURG	08802233 Feb 19, 1997		5888780 Mar 30, 1999	
INVASIVE CLEAVAGE OF NUCLEIC ACIDS Inventors: JAMES R. PRUDENT, JEFF G. HALL, VICTOR I. LYAMICHEV, MARY ANN D. BROW, JAMES E. DAHLBERG	08756386 Nov 26, 1996		5985557 Nov 16, 1999	
DETECTION OF NUCEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE CLEAVAGES Inventors: JEFF G. HALL, VICTOR I. LYAMICHEV, ANDREA L. MAST, MARY ANN D. BROW	08823516 Mar 24, 1997		5994069 Nov 30, 1999	
DETECTION OF NUCLEIC ACID SEQUENCES BY INVADER-DIRECTED CLEAVAGE Inventors: MARY ANN D. BROW, JEFF STEVEN GROTELUESCHEN HALL, VICTOR LYAMICHEV, DAVID MICHAEL OLIVE, JAMES ROBERT PRUDENT	08682853 Jul 12, 1996		6001567 Dec 14, 1999	
CLEAVAGE OF NUCLEIC ACIDS Inventors: JAMES R. PRUDENT, JEFF G. HALL, VICTOR I. LYAMICHEV, MARY ANN D. BROW, JAMES E. DAHLBERG	08759038 Dec 2, 1996		6090543 Jul 18, 2000	

Title	Application	Publication	Patent	International Registration Number
IMPROVED CLEAVAGE AGENTS Inventors: MICHAEL W. KAISER, VICTOR I. LYAMICHEV, NATASHA LYAMICHEVA	08758314 Dec 2, 1996		6090606 Jul 18, 2000	
OLIGNUCLEOTIDE MODIFICATION, SIGNAL AMPLICATION, AND NUCLEIC ACID DETECTION Inventors: LINDA M. WESTERN, SAMUEL J. ROSE, EDWIN F. ULLMAN	09015949 Jan 30, 1998		6110677 Aug 29, 2000	
DETECTION OF NUCLEIC ACIDS BY TARGET-CATALYZED PRODUCT FORMATION Inventors: LINDA M. WESTERN, SAMUEL J. ROSE, EDWIN P. ULLMAN	09440363 Nov 15, 1999		6121001 Sep 19, 2000	
TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES Inventors: BRUCE NERI, FANG DONG, VICTOR LYAMICHEV, MARY ANN D. BROW, LANCE FORS	09034205 Mar 3, 1998		6194149 Feb 27, 2001	
POLYMORPHISM ANALYSIS BY NUCLEIC ACID STRUCTURE PROBING WITH STRUCTURE- BRIDGING OLIGONUCLEOTIDES Inventors: VICTOR I. LYAMICHEV, FANG DONG, MARY ANN D. BROW, LANCE FORS, BRUCE P. NERI	08934097 Sep 19, 1997		6210880 Apr 3, 2001	

Title	Application	Publication	Patent	International Registration Number
POLYMORPHISM ANALYSIS BY NUCLEIC ACID STRUCTURE PROBING	08851588 May 5, 1997		6214545 Apr 10, 2001	
Inventors: FANG DONG, VICTOR I. LYAMICHEV, JAMES R. PRUDENT, JAMES E. DAHLBERG, LANCE FORS				
INVASIVE CLEAVAGE OF NUCLEIC ACIDS	09350309 Jul 9, 1999		6348314 Feb 19, 2002	
Inventors: JAMES R. PRUDENT, JEFF G. HALL, VICTOR I. LYAMICHEV, MARY ANN D. BROW, JAMES E. DAHLBERG				
Target-dependent reactions using structure-bridging oligonucleotides	09677218 Oct 2, 2000		6355437 Mar 12, 2002	
Inventors: Bruce Neri, Fang Dong, Victor Lyamichev, Mary Ann Brow, Lance Fors				
Target-dependent reactions using structure-bridging oligonucleotides	09677192 Oct 2, 2000		6358691 Mar 19, 2002	
Inventors: Bruce Neri, Fang Dong, Victor Lyamichev, Mary Ann D. Brow, Lance Fors				
Detection of nucleic acids by target-catalyzed product formation	09608721 Jun 30, 2000		6368803 Apr 9, 2002	
Inventors: Linda M. Western, Samuel J. Rose, Edwin F. Ullman				

Title	Application	Publication	Patent	International Registration Number
RAPID DETECTION AND IDENTIFICATION OF PATHOGENS Inventors: MARY ANN D. BROW, VICTOR I. LYAMICHEV, DAVID M. OLIVE	08520946 Aug 30, 1995		6372424 Apr 16, 2002	
DETECTION OF NUCLEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE CLEAVAGES 02 Inventors: ANDREA L. MAST, MARY ANN BROW, JEFF G. HALL, VICTOR I. LYAMICHEV	09350597 Jul 9, 1999		6458535 Oct 1, 2002	
FEN-1 ENDONUCLEASE, MIXTURES AND CLEAVAGE METHODS Inventors: Michael W. Kaiser, Victor I. Lyamicheva, Natasha Lyamicheva	09684938 Oct 6, 2000		6555357 Apr 29, 2003	
FEN-1 ENDONUCLEASES, MIXTURES AND CLEAVAGE METHODS Inventors: MICHAEL W. KAISER, VICTOR I. LYAMICHEV, NATASHA LYAMICHEVA	09308825 Oct 8, 1999		6562611 May 13, 2003	
ENZYMES FOR THE DETECTION OF NUCLEIC ACID SEQUENCES Inventors: Wu-Po Ma, Victor I. Lyamichev, Michael W. Kaiser, Natalie E. Lyamicheva, Hatim Taysir Allawi, James J. Schaefer, Bruce P. Neri	09758282 Jan 11, 2001	20030134349 Jul 17, 2003	6635463 Oct 21, 2003	

Title	Application	Publication	Patent	International Registration Number
SYSTEMS AND METHODS FOR INVASIVE CLEAVAGE REACTIONS ON DENDRIMERS Inventors: Bruce P. Neri, Jeff G. Hall, Victor Lyamichev, Lloyd M. Smith	09940244 Aug 27, 2001	20030044796 Mar 6, 2003	6692917 Feb 17, 2004	
DETECTION OF NUCLEIC ACID SEQUENCES BY INVADER- DIRECTED CLEAVAGE Inventors: JEFF STEVEN GROTELUESHEN HALL, VICTOR LYAMICHEV, JAMES ROBERT PRUDENT	09333145 Jun 14, 1999		6706471 Mar 16, 2004	
TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES Inventors: Victor I. Lyamichev, James R. Prudent, Lance Fors, Bruce P. Neri, Mary Ann Brow, Todd A. Anderson, James E. Dahlberg, Fang Dong	09402618 Jul 18, 2000		6709815 Mar 23, 2004	
POLYMORPHISM ANALYSIS BY NUCLEIC ACID STRUCTURE PROBING WITH STRUCTURE- BRIDGING OLIGONUCLEOTIDES Inventors: Victor I. Lyamichev, Fang Dong, Mary Ann D. Brow, Lance Fors, Bruce P. Neri	09825574 Apr 3, 2001	20020119454 Aug 29, 2002	6709819 Mar 23, 2004	

Title	Application	Publication	Patent	International Registration Number
ENZYMES FOR THE DETECTION OF SPECIFIC NUCLEIC ACID SEQUENCES	09577304 May 24, 2000		6759226 Jul 6, 2004	
Inventors: Wu-Po Ma, Victor I. Lyamichev, Michael W. Kaiser, Natalie E. Lyamicheva, Hatim Taysir Allawi, James J. Schaefer, Bruce P. Neri				
POLYMORPHISM ANALYSIS BY NUCLEIC AND ACID STRUCTURE PROBING	09676768 Oct 2, 2000		6780585 Aug 24, 2004	
Inventors: Fang Dong, Victor I. Lyamichev, James R. Prudent, James E. Dahlberg, Lance Fors				
CHARGE TAGS AND THE SEPARATION OF NUCLEIC ACID MOLECULES	09777430 Feb 6, 2001	20020128465 Sep 12, 2002	6780982 Aug 24, 2004	
Inventors: Victor Lyamichev, Zbigniew Skrzpczynski, Hatim T. Allawi, Tsetska Takova, Bruce P. Neri, Sarah R. Wayland				
NUCLEIC ACIDS DETECTION KITS	09381212 Feb 8, 2000		6872816 Mar 29, 2005	
Inventors: VICTOR I. LYAMICHEV, ANDREA L. MAST, MARY ANN BROW, ROBERT W. KWIATKOWSKI, STEPHANIE H. VAVRA, JEFF G. HALL				
NUCLEIC ACID DETECTION ASSAYS	10081806 Feb 22, 2002	20020197623 Dec 26, 2002	6875572 Apr 5, 2005	
Inventors: James R. Prudent, Jeff G. Hall, Victor I. Lyamichev, Mary Ann D. Brow, James E. Dahlberg				

Title	Application	Publication	Patent	International Registration Number
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METHODS AND COMPOSITIONS FOR DETECTING TARGET SEQUENCES	09713601 Nov 15, 2000		6913881 Jul 5, 2005	
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Inventors: Eric R. Rasmussen,
Carolyn W. Miller, Mary C.
Oldenberg, David Arco, Brian D.
Aizenstein, Jeff G. Hall, Poonam
Agarwal, Myrta W. Atilas, Deborah E.
Burris, Monika de Arruda Indig, Scott
M. Law, Andrea L. Mast, David J.
Marshall, Victor Lyamichev, James R.
Prudent, Jennifer M. Schneiders,
Mary Ann Brow

NUCLEIC ACID SYNTHESIZERS Inventors: Raymond F. Cracauer, Zbigniew Skrzypczynski, Rocky Ganske, Ned D. Reimer	09771332 Jan 26, 2001		6932943 Aug 23, 2005	
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INVASIVE CLEAVAGE OF NUCLEIC ACIDS Inventors: James R. Prudent, Jeff G. Hall, Victor I. Lyamichev, Mary Ann Brow, James E. Dahlberg	09982667 Oct 18, 2001	20030096245 May 22, 2003	7011944 Mar 14, 2006	
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DETECTION OF RNA SEQUENCES Inventors: Hatim Allawi, Christian Tor Bartholomay, LuAnne Chehak, Michelle L. Curtis, Peggy S. Eis, Jeff G. Hall, Hon S. Ip, Michael Kaiser, Robert W. Kwiatkowski JR., Andrew A. Lukowiak, Victor Lyamichev, WuPo Ma, Marilyn C. Olson-Munoz, Sarah M. Olson, James J. Schaefer, Zbigniew Skrzypczynski, Tsetska Y. Takova, Kevin L. Vedvik, Natalie Lyamichev, Burce P. Neri	09864636 May 24, 2001	20030104378 Jun 5, 2003	7045289 May 16, 2006	
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Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID ACCESSIBLE HYBRIDIZATION SITES Inventors: Victor Lyamichev, Hatim Allawi, Fang Dong, Bruce P. Neri, Tatiani I. Vener	09882945 Jun 15, 2001	20030143535 Jul 31, 2003	7060436 Jun 13, 2006	
SYSTEMS FOR THE DETECTION OF TARGET SEQUENCES Inventors: James E. Dahlberg, Mary Ann Brow, Victor I. Lyamichev	09941193 Aug 28, 2001	20030108873 Jun 12, 2003	7067643 Jun 27, 2006	
DETECTION OF TARGET SEQUENCES BY CLEAVAGE OF NON-TARGET NUCLEIC ACIDS Inventors: James E. Dahlberg, Mary Ann D. Brow, Victor I. Lyamichev	09940925 Aug 28, 2001	20030054338 Mar 20, 2003	7087381 Aug 8, 2006	
TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES Inventors: Mary Ann Brow, Lance Fors, Victor I. Lyamichev, Bruce P. Neri, Fang Dong, James R. Prudent, Todd A. Anderson, James E. Dahlberg	10655362 Sep 4, 2003	20050014163 Jan 20, 2005	7101672 Sep 5, 2006	
FEN ENDONUCLEASES Inventors: Victor I. Lyamichev, Michael W. Kaiser, Natasha Lyamicheva	09714935 Nov 17, 2000		7122364 Oct 17, 2006	

Title	Application	Publication	Patent	International Registration Number
RNA DETECTION ASSAYS Inventors: Hatim Allawi, Brad T. Argue, Christian Tor Bartholomay, LuAnne Chehak, Michelle L. Curtis, Peggy S. Eis, Jeff G. Hall, Hon S. Ip, Lin Ji, Michael Kaiser, Robert W. Kwiatkowski JR., Andrew A. Lukowiak, Victor Lyamichev, Natalie E. Lymaicheva, WuPo Ma, Bruce P. Neri, Sarah M. Olson, James J. Schaefer, Lisa C. Thompson, Kevin L. Vedvik, Marilyn C. Olson-Munoz, Zbigniew Skrzypczynski, Tsetska Y. Takova	10084839 Feb 26, 2002	20030186238 Oct 2, 2003	7150982 Dec 19, 2006	
METHODS AND COMPOSITIONS FOR DETECTING TARGET SEQUENCES Inventors: Victor Lyamichev, Bruce P. Neri, Jeff Hall, Andrew A. Lukowiak	10290386 Nov 7, 2002	20030152971 Aug 14, 2003	7195871 Mar 27, 2007	
METHODS AND COMPOSITIONS FOR DETECTING TARGET SEQUENCES Inventors: Victor Lyamichev, Bruce P. Neri, Jeff Hall, Andrew Lukowiak	10356861 Feb 3, 2003	20040072182 Apr 15, 2004	7256020 Aug 14, 2007	
KITS FOR THE DETECTION OF TARGET SEQUENCES Inventors: James E. Dahlberg, Mary Ann D. Brow, Victor I. Lyamichev	09941095 Aug 28, 2001	20060068383 Mar 30, 2006	7273696 Sep 25, 2007	

Title	Application	Publication	Patent	International Registration Number
REACTIVE FUNCTIONAL GROUPS FOR PREPARATION OF MODIFIED NUCLEIC ACID Inventors: Zbigniew Skrzypczynski, Sarah R. Wayland	10752200 Jan 6, 2004	20040219576 Nov 4, 2004	7297780 Nov 20, 2007	
CLEAVAGE OF NUCLEIC ACIDS Inventors: James R. Prudent, Jeff G. Hall, Victor L. Lyamichev, Mary Ann D. Brow, James E. Dahlberg	11222565 Sep 9, 2005	20060110750 May 25, 2006	7306917 Dec 11, 2007	
CFTR ALLELE DETECTION ASSAYS Inventors: Molly Accola, Susan S. Wigdal, Andrea L. Mast, Christian T. Bartholomy, Robert W. Kwiatkowski JR., Vincent Tevere, Hon S. Ip	10371913 Feb 21, 2003	20040096844 May 20, 2004	7312033 Dec 25, 2007	
INVASION ASSAYS Inventors: Jeff G. Hall, Victor I. Lyamichev, Andrea L. Mast, Mary Ann D. Brow	10033297 Nov 2, 2001	20020187486 Dec 12, 2002	7354708 Apr 8, 2008	
KITS FOR DETECTION OF NUCLEIC ACIDS BY INVASIVE CLEAVAGE Inventors: Jeff G. Hall, Victor I. Lyamichev, Andrea L. Mast, Mary Ann D. Brow, Robert W. Kwiatkowski, Stephanie H. Vavra	10897793 Jul 23, 2004	20050003432 Jan 6, 2005	7381530 Jun 3, 2008	

Title	Application	Publication	Patent	International Registration Number
CHARGE TAGS AND THE SEPARATION OF NUCLEIC ACID MOLECULES Inventors: Victor Lyamichev, Zbigniew Skrzypczynski, Hatim T. Allawi, Sarah R. Wayland, Tsetska Y. Takova, Bruce P. Neri, James R. Prudent, Jeff G. Hall	10875094 Jun 23, 2004	20050130179 Jun 16, 2005	7384746 Jun 10, 2008	
NUCLEIC ACID DETECTION COMPOSITIONS Inventors: James R. Prudent, Jeff G. Hall, Victor I. Lyamichev, Mary Ann D. Brow, James E. Dahlberg	11103943 Apr 12, 2005	20050181435 Aug 18, 2005	7407782 Aug 5, 2008	
METHODS FOR GENOTYPING HEPATITIS C VIRUS Inventors: Fang Dong, Victor I. Lyamichev, James R. Prudent, Lance Fors, Bruce P. Neri, Mary Ann D. Brow, Todd A. Anderson, James E. Dahlberg	11515854 Sep 5, 2006	20070065815 Mar 22, 2007	7429455 Sep 30, 2008	
REACTIONS ON A SOLID SURFACE Inventors: Bruce P. Neri, Jeff G. Hall, Victor Lyamichev, Lloyd M. Smith	09732622 Dec 8, 2000	20050164177 Jul 28, 2005	7432048 Oct 7, 2008	
NUCLEIC ACID SYNTHESIZERS Inventors: Raymond F. Cracauer, Witold A. Ziarno	10054023 Nov 13, 2001	20020142454 Oct 3, 2002	7435390 Oct 14, 2008	
COMPOSITIONS FOR MODIFYING NUCLEIC ACIDS Inventors: Zbigniew Skrzypczynski, Sarah R. Wayland	11114288 Apr 26, 2005	20050277138 Dec 15, 2005	7462451 Dec 9, 2008	

Title	Application	Publication	Patent	International Registration Number
DETERMINATION OF HEPATITIS C VIRUS GENOTYPE Inventors: Vecheslav A. Elagin, Scott M. Law, Bjork Hill	11031487 Jan 7, 2005	20050196750 Sep 8, 2005	7473773 Jan 6, 2009	
ENDONUCLEASE-SUBSTRATE COMPLEXES Inventors: Hatim T. Allawi, Michael W. Kaiser, Wu-Po Ma, Bruce P. Neri, Victor Lyamichev	10783557 Feb 20, 2004	20050048527 Mar 3, 2005	7482118 Jan 27, 2009	
NUCLEIC ACID DETECTION ASSAYS EMPLOYING BLOCKER OLIGONUCLEOTIDES Inventors: Poonam Agarwal, Robert W. Kwiatkowski JR.	11592458 Nov 3, 2006	20070202517 Aug 30, 2007	7482127 Jan 27, 2009	
KITS FOR DETECTION OF NUCLEIC ACIDS USING INVASIVE CLEAVAGE STRUCTURES AND FLAP ENDONUCLEASES Inventors: Jeff G. Hall, Victor I. Lyamichev, Andrea L. Mast, Mary Ann D. Brow, Robert W. Kwiatkowski, Stephanie H. Vavra	11926062 Oct 28, 2007	20080182254 Jul 31, 2008	7514220 Apr 7, 2009	
REACTIONS ON A SOLID SURFACE Inventors: Bruce P. Neri, Jeff G. Hall, Victor Lyamichev, Lloyd M. Smith	10309584 Dec 4, 2002	20040214174 Oct 28, 2004	7527928 May 5, 2009	

Title	Application	Publication	Patent	International Registration Number
DETECTION OF HPV Inventors: Angela Hudson, Tamara Sander, Poonam Agarwal, Michelle Garsha, Hon Ip, Robert W. Kwiatkowski JR., Vecheslav Elagin, Michelle Curtis, Ilse Tyler, Sarah Olson, Marilyn Olson-Munoz	10951241 Sep 27, 2004	20070111200 May 17, 2007	7527948 May 5, 2009	
CLEAVAGE OF NUCLEIC ACIDS Inventors: Jeff G. Hall, Victor I. Lyamichev, Mary Ann D. Brow, James R. Prudent, James E. Dahlberg	11183078 Jul 15, 2005	20060177835 Aug 10, 2006	7541145 Jun 2, 2009	
3' END TAGGED OLIGONUCLEOTIDES Inventors: Jeff G. Hall, Zbigniew Skrzypczynski, Sarah Wayland, Ned D. Reimer, Luis P. Reynaldo, Joerg Baier, Victor Lyamichev, Bruce P. Neri	11787843 Apr 18, 2007	20080293930 Nov 27, 2008	7582436 Sep 1, 2009	
CLEAVAGE OF NUCLEIC ACIDS Inventors: James R. Prudent, Jeff G. Hall, Victor I. Lyamichev, Mary Ann Brow, James E. Dahlberg	11183077 Jul 15, 2005	20070003942 Jan 4, 2007	7588891 Sep 15, 2009	
CLEAVAGE OF NUCLEIC ACIDS Inventors: James E. Dahlberg, Mary Ann Brow, Victor I. Lyamichev	11198746 Aug 5, 2005	20060035256 Feb 16, 2006	7601496 Oct 13, 2009	

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS, PROBES, AND CONJUGATES AND USES THEREOF Inventors: Zbigniew Skrzypczynski, Sarah R. Wayland	11805038 May 22, 2007	20080071074 Mar 20, 2008	7674924 Mar 9, 2010	
CHARGE TAGS AND THE SEPARATION OF NUCLEIC ACID MOLECULES Inventors: Victor Lyamichev, Zbigniew Skrzypczynski, Hatim T. Allawi, Sarah R. Wayland, Tsetska Y. Takova, Bruce P. Neri, James R. Prudent, Jeff G. Hall	12132198 Jun 3, 2008	20090078574 Mar 26, 2009	7678542 Mar 16, 2010	
CLEAVAGE OF NUCLEIC ACIDS Inventors: James E. Dahlberg, Mary Ann Brow, Victor I. Lyamichev	11198657 Aug 5, 2005	20060040299 Feb 23, 2006	7691573 Apr 6, 2010	
CONNEXIN ALLELE DETECTION ASSAYS Inventors: Andrea L. Mast, Erin Dorn, Robert J. Kwiatkowski JR., Molly Accola, Susan S. Wigdal	10754408 Jan 9, 2004	20040203035 Oct 14, 2004	7700750 Apr 20, 2010	
T-STRUCTURE INVASIVE CLEAVAGE ASSAYS, CONSISTENT NUCLEIC ACID DISPENSING, AND LOW LEVEL TARGET NUCLEIC ACID DETECTION Inventors: Hatim Taysir Allawi, Vecheslav A. Elagin, Victor A. Lyamichev, Kwok Wu, Walter Iszczyszyn, Chris Fleming, LuAnne Chehak, Scott M. Law	11811544 Jun 11, 2007	20080131870 Jun 5, 2008	7759062 Jul 20, 2010	

Title	Application	Publication	Patent	International Registration Number
CLEAVAGE OF NUCLEIC ACIDS Inventors: James E. Dahlberg, Mary Ann D. Brow, Victor I. Lyamichev	11198675 Aug 5, 2005	20060183109 Aug 17, 2006	7785852 Aug 31, 2010	
AMPLIFICATION METHODS AND COMPOSITIONS Inventors: Victor Lyamichev, Andrew Lukowiak, Nancy Jarvis, David Kurensky	12174277 Jul 16, 2008	20090068664 Mar 12, 2009	7790393 Sep 7, 2010	
RNA DETECTION ASSAYS Inventors: Hatim T. Allawi, Brad T. Argue, Christian Tor Bartholomay, LuAnne Chehak, Michelle L. Curtis, Peggy S. Eis, Jeff G. Hall, Hon S. Ip, Lin Ji, Michael W. Kaiser, Robert W. Kwiatkowski, Andrew A. Lukowiak, Victor Lyamichev, WuPo Ma, Bruce P. Neri, Sarah M. Olson, Marilyn C. Olson-Munoz, James J. Schaefer, Zbigniew Skrzypczynski, Tsetska Y. Takova, Lisa C. Thompson, Kevin L. Vedvik, Natalie E. Lyamicheva	11929404 Oct 30, 2007	20090142754 Jun 4, 2009	7807806 Oct 5, 2010	
REACTIONS ON A SOLID SURFACE Inventors: Bruce P. Neri, Jeff G. Hall, Victor I. Lyamichev, Lloyd M. Smith	11926120 Oct 28, 2007	20080188375 Aug 7, 2008	7820387 Oct 26, 2010	
METHODS FOR ANALYZING NUCLEIC ACID Inventors: Fang Dong, Victor I. Lyamichev, James R. Prudent, Lance Fors, Bruce P. Neri, Mary Ann D. Brow, Todd A. Anderson, James E. Dahlberg	12242508 Sep 30, 2008	20090117576 May 7, 2009	7824862 Nov 2, 2010	

Title	Application	Publication	Patent	International Registration Number
CLEAVAGE OF NUCLEIC ACIDS Inventors: James R. Prudent, Jeff G. Hall, Victor I. Lyamichev, James E. Dahlberg, Mary Ann D. Brow	12476912 Jun 2, 2009	20090305283 Dec 10, 2009	7829314 Nov 9, 2010	
DETECTION OF SMALL NUCLEIC ACIDS Inventors: James E. Dahlberg, Hatim T. Allawi, Victor Lyamichev, Bruce P. Neri, Marilyn C. Olson-Munoz, LuAnne Chehak, Sarah M. Olson	10740256 Dec 18, 2003	20050074788 Apr 7, 2005	7851150 Dec 14, 2010	
NUCLEIC ACID DETECTION ASSAYS EMPLOYING BLOCKER OLIGONUCLEOTIDES Inventors: Poonam Agarwal, Robert W. Kwiatkowski JR.	12360819 Jan 27, 2009	20090203018 Aug 13, 2009	7932039 Apr 26, 2011	
RNA DETECTION ASSAYS Inventors: Hatim Allawi, Brad T. Argue, Christian Tor Bartholomay, LuAnne Chehak, Michelle L. Curtis, Peggy S. Eis, Jeff G. Hall, Hon S. Ip, Lin Ji, Michael Kaiser, Robert W. Kwiatkowski JR., Andrew A. Lukowiak, Victor Lyamichev, Natalie E. Lyamicheva, WuPo Ma, Bruce P. Neri, Sarah M. Olson, Marilyn C. Olson-Munoz, James J. Schaefer, Zbigniew Skrzypczynski, Tsetska Y. Takova, Lisa C. Thompson, Kevin L. Vedvik	11642815 Dec 19, 2006	20080293046 Nov 27, 2008	7935800 May 3, 2011	

Title	Application	Publication	Patent	International Registration Number
POLYMORPHIC GHSR NUCLEIC ACIDS AND USES THEREOF Inventors: Anne E. Kwitek, Anrea Baessler	11914326 Dec 22, 2008	20090215043 Aug 27, 2009	7939257 May 10, 2011	
COMPOSITIONS, PROBES AND CONJUGATES AND USES THEREOF Inventors: Zbigniew Skrzypczynski, Sarah R. Wayland	12714983 Mar 1, 2010	20100152431 Jun 17, 2010	8003771 Aug 23, 2011	
METHODS, SYSTEMS AND DEVICES FOR PERFORMING GYNECOLOGICAL PROCEDURES Inventors: WILLIAM HARWICK GRUBER, Ronald David Adams, J. Christopher Flaherty	11936003 Nov 6, 2007	20080135053 Jun 12, 2008	8025656 Sep 27, 2011	
METHODS FOR MODIFYING AN OLIGONUCLEOTIDE Inventors: James E. Dahlberg, Victor I. Lyamichev, Mary Ann Lyamichev	09660924 Sep 13, 2000		8026050 Sep 27, 2011	
RNA DETECTION ASSAYS Inventors: Hatim Allawi, Brad T. Argue, Christian Tor Bartholomay, LuAnne Chehak, Michelle L. Curtis, Jeff G. Hall, Michael Kaiser, WuPo Ma, Bruce P. Neri, Marilyn C. Olson-Munoz, James J. Schaefer, Zbigniew Skrzypczynski, Tsetska Y. Takova, Kevin L. Vedvik, Victor Lyamichev, Peggy S. Eis, Lisa C. Thompson, Hon S. Ip, Lin Ji, Natalie E. Lyamicheva, Sarah M. Olson, Robert W. Kwiatkowski JR., Andrew A. Lukowiak	12898490 Oct 5, 2010	20110104682 May 5, 2011	8063184 Nov 22, 2011	

Title	Application	Publication	Patent	International Registration Number
TARGETED EDGE DETECTION METHOD AND APPARATUS FOR CYTOLOGICAL IMAGE PROCESSING APPLICATIONS Inventors: Christopher Griffin	12332562 Dec 11, 2008	20090169090 Jul 2, 2009	8064679 Nov 22, 2011	
DETERMINATION OF HEPATITIS C VIRUS GENOTYPE Inventors: Vecheslav A. Elagin, Scott M. Law, Bjork Hill	12346322 Dec 30, 2008	20090111092 Apr 30, 2009	8071750 Dec 6, 2011	
HPV PRIMERS Inventors: Joseph J. King, Angela Hudson	11850191 Sep 5, 2007	20080187919 Aug 7, 2008	8080643 Dec 20, 2011	
FEN-1 ENDONUCLEASES, MIXTURES AND CLEAVAGE METHODS Inventors: Michael W. Kaiser, Victor I. Lyamichev, Natasha Lyamicheva	09684305 Oct 6, 2000		8182991 May 22, 2012	
METHODS AND APPLICATIONS FOR TARGET QUANTIFICATION Inventors: Hatim T. Allawi, Victor Lyamichev, Rex Piper	12206436 Sep 8, 2008	20090299641 Dec 3, 2009	8190371 May 29, 2012	
POINT OF CARE DIAGNOSTIC SYSTEMS Inventors: EMORY V. ANDERSON, EDWARD NEMEC, JEROME LAPOINTE, DUANE DESIENO, RICARDO MARTINEZ, GAIL MARZOLF, RONALD PONG, LYNN JONES, ROBERT O. HUSSA, ANDREW E. SENYEI	09017901 Feb 3, 1998		6267722 Jul 31, 2001	

Title	Application	Publication	Patent	International Registration Number
RAPID DETECTION AND IDENTIFICATION OF PATHOGENS Inventors: James E. Dahlberg, Mary Ann D. Brow, Victor I. Lyamichev	09655378 Sep 5, 2000		6673616 Jan 6, 2004	
TISSUE POSITIONING SYSTEMS AND METHODS FOR USE WITH RADIATION THERAPY Inventors: Timothy J. Patrick, James B. Stubbs	10704161 Nov 7, 2003	20050101860 May 12, 2005	7524274 Apr 28, 2009	
BRACHYTHERAPY METHOD AND APPLICATOR FOR TREATMENT OF METASTATIC LESIONS IN A LOAD BEARING REGION Inventors: Timothy J. Patrick, James B. Stubbs	10995087 Nov 22, 2004	20050113629 May 26, 2005	7905822 Mar 15, 2011	
CONFIGURABLE CYTOLOGICAL IMAGING SYSTEM Inventors: Steven A. Scampini	11227017 Sep 14, 2005	20070057106 Mar 15, 2007	7508583 Mar 24, 2009	
APPARATUS AND METHOD FOR TREATING VENOUS REFLUX Inventors: Russell M. Sampson, Eugene Skalnyj, Estela Hilario	10676619 Oct 1, 2003	20040064135 Apr 1, 2004	7087052 Aug 8, 2006	
APPARATUS AND METHOD FOR TREATING VENOUS REFLUX Inventors: Russell M. Sampson, Eugene Skalnyj, Estela Hilario	10751592 Jan 5, 2004	20040143251 Jul 22, 2004	7294126 Nov 13, 2007	

Title	Application	Publication	Patent	International Registration Number
DETECTION OF NUCLEIC ACIDS Inventors: Hatim T. Allawi, Victor Lyamichev	11809567 Jun 1, 2007	20080131890 Jun 5, 2008	8206904 Jun 26, 2012	
REAL-TIME PATHOLOGY Inventors: Joseph L. Mark, Michael E. Miller	12241644 Sep 30, 2008	20100081964 Apr 1, 2010	8206315 Jun 26, 2012	
SURGICAL DEVICE Inventors: Michael E. Miller, Jake Flagle, Joseph L. Mark, Zachary R. Nicoson	11865092 Oct 1, 2007	20090088666 Apr 2, 2009	8202229 Jun 19, 2012	
SOLID-PHASE REACTIONS Inventors: Priscilla Wilkins Stevens, David Kelso, Victor Lyamichev, Jeff Hall, Bruce P. Neri, Robert W. Kwiatkowski JR., Lloyd Smith	10197189 Jul 17, 2002	20030119020 Jun 26, 2003	7485443 Feb 3, 2009	
SOLID-PHASE REACTIONS Inventors: Priscilla Wilkins Stevens, David Kelso, Victor Lyamichev, Jeff Hall, Bruce P. Neri, Robert W. Kwiatkowski JR., Lloyd M. Smith	10269222 Oct 11, 2002	20030143585 Jul 31, 2003	7303869 Dec 4, 2007	
METHOD AND APPARATUS FOR REMOVING TISSUE FROM A REGION OF INTEREST USING STEREOTACTIC RADIOGRAPHIC GUIDANCE Inventors: ALEXANDER S. KREIZMAN, KENNETH F. DEFREITAS, ALAN W. REGO	09185682 Nov 4, 1998		6214018 Apr 10, 2001	

Title	Application	Publication	Patent	International Registration Number
APPARATUSES AND METHODS FOR INTERSTITIAL TISSUE REMOVAL Inventors: CSABA TRUCKAI, RUSSEL M. SAMPSON, PAUL K. HSEI	09249208 Feb 12, 1999		6296639 Oct 2, 2001	
Flat-bed knitting machine and method of knitting Inventors: Edward Camp Tibbals JR., Karl Robert Leinsing, Paul Brad DeMarco	09503317 Feb 14, 2000		6158250 Dec 12, 2000	
APPARATUSES AND METHODS FOR INTERSTITIAL TISSUE REMOVAL Inventors: Csaba Truckai, Russel M. Sampson, Paul K. Hsei	09930531 Aug 14, 2001	20020072745 Jun 13, 2002	6663626 Dec 16, 2003	
SPATIALLY CORRELATED X-RAY AND ULTRASOUND MAMMOGRAPHIC IMAGING SYSTEMS AND METHOD Inventors: Morgan W. Nields, John Connor, Curtis Daly	10260719 Sep 27, 2002	20030073895 Apr 17, 2003	7496398 Feb 24, 2009	
AUTOMATED BACKGROUND PROCESSING MAMMOGRAPHIC IMAGE DATA Inventors: Thomas J. Minyard, Morgan W. Nields, Guy M. Besson	10307215 Nov 29, 2002		6891920 May 10, 2005	

Title	Application	Publication	Patent	International Registration Number
APPARATUSES AND METHODS FOR INTERSTITIAL TISSUE REMOVAL	10635691 Aug 5, 2003	20040054368 Mar 18, 2004	7192430 Mar 20, 2007	
Inventors: Csaba Truckaj, Russel M. Sampson, Paul K. Hsei				
METHOD AND SYSTEM FOR INTERNAL LIGATION OF TUBULAR STRUCTURES	09712408 Nov 14, 2000		6896682 May 24, 2005	
Inventors: Patricia M. Moulis, Annette M. L. McClellan, Thomas G. Taylor, David L. Wells, Scott B. McClellan				
DEVICE AND METHOD FOR INTERNAL LIGATION OF TUBULAR STRUCTURES	10079015 Feb 20, 2002	20030158563 Aug 21, 2003	6736822 May 18, 2004	
Inventors: Scott B. McClellan, Patricia M. Moulis, Annette M.L. McClellan				
RIBOSOMAL NUCLEIC ACID PROBES FOR DETECTING ORGANISMS OR GROUPS OF ORGANISMS	08199486 Feb 22, 1994		5723597 Mar 3, 1998	
Inventors: DAVID E. KOHNE				
A METHOD FOR DETERMINING THE PRESENCE OF ORGANISMS IN A SAMPLE BY DETECTING TRANSFER NUCLEIC ACID	08456664 Jun 2, 1995		5928864 Jul 27, 1999	
Inventors: DAVID E. KOHNE				
METHODS FOR PREPARING RNA FOR HYDRIDIZATION WITH A PROBE	08460532 Jun 2, 1995		5641632 Jun 24, 1997	
Inventors: DAVID E. KOHNE				

Title	Application	Publication	Patent	International Registration Number
METHOD FOR DETECTINGANTIMICROBIAL AGENTS OR UNKNOWN ORGANISMS IN A SAMPLE USING RIBOSOMAL PROBE HYBRIDIZATION Inventors: DAVID E. KOHNE	08459843 Jun 2, 1995		5738988 Apr 14, 1998	
METHOD FOR DETECTING THE SENSITIVITY OF MICROORGANISMS TO ANTIMICROBIAL AGENTS USING RIBOSOMAL NUCLEIC ACID HYBRIDIZATION Inventors: DAVID E. KOHNE	08460124 Jun 2, 1995		5738989 Apr 14, 1998	
METHOD FOR DETERMINING THE EFFECT OF ANTIMICROBIAL AGENTS ON GROWTH USING RIBOSOMAL NUCLEIC ACID SUBUNIT SUBSEQUENCE SPECIFIC PROBES Inventors: DAVID E. KOHNE	08460531 Jun 2, 1995		5612183 Mar 18, 1997	
METHOD FOR PRODUCING HYBRIDIZATION PROBES SPECIFIC FOR RRNA SUBUNIT SUBSEQUENCES Inventors: DAVID E. KOHNE	08459837 Jun 2, 1995		5714324 Feb 3, 1998	
A METHOD FOR DETECTING THE PRESENCE OF RNA BELONGING TO AN ORGANOR TISSUE CELL TYPE Inventors: DAVID E. KOHNE	08459650 Jun 2, 1995		5932416 Aug 3, 1999	

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS	08200866	Feb 22, 1994	5541308	Jul 30, 1996
Inventors: JAMES J. HOGAN, RICHARD D. SMITH, JO A. KOP, SHERROL H. MCDONOUGH				
NUCLEIC ACID PROBES AND METHODS FOR DETECTING NEISSERIA GONORRHOEAE	08255990	Jun 8, 1994	7172863	Feb 6, 2007
Inventors: JAMES J. HOGAN, JO A. KOP, SHERROL H. MCDONOUGH				
NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS	08293567	Aug 22, 1994	5595874	Jan 21, 1997
Inventors: JAMES HOGAN, RICHARD SMITH				
NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS	08301269	Sep 6, 1994	5547842	Aug 20, 1996
Inventors: JAMES H. HOGAN, RICHARD SMITH, JOANN KOP				
NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS	08349764	Dec 5, 1994	5593841	Jan 14, 1997
Inventors: JAMES HOGAN, RICHARD SMITH, JOANN KOP				

Title	Application	Publication	Patent	International Registration Number
METHODS FOR DETERMINING THE PRESENCE OF NON-VIRAL ORGANISMS IN A SAMPLE Inventors: JoAnn Kop, Sherrol Hoffa McDonough, James J. Hogan, Richard D. Smith	08454529 May 30, 1995		7090972 Aug 15, 2006	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING MYCOBACTERIUM Inventors: JAMES J. HOGAN, RICHARD D. SMITH, JO A. KOP	08453755 May 30, 1995		5677128 Oct 14, 1997	
NUCLEIC ACID PROBES AND METHOD FOR DETECTING MYCOPLASMA PNEUMONIAE Inventors: JAMES J. HOGAN, RICHARD D. SMITH, SHERROL H. MCDONOUGH	08454073 May 30, 1995		5691149 Nov 25, 1997	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING LEGIONELLA Inventors: JAMES J. HOGAN, RICHARD D. SMITH, SHERROL H. MCDONOUGH	08453763 May 30, 1995		5677129 Oct 14, 1997	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING CHLAMYDIA TRACHOMATIS Inventors: JAMES J. HOGAN, SHERROL H. MCDONOUGH	08454060 May 30, 1995		5693468 Dec 2, 1997	

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID PROBES AND METHODS FOR DETECTING CAMPYLOBACTERS Inventors: JAMES J. HOGAN, JO ANN KOP, SHERROL H. MCDONOUGH	08456032 May 30, 1995		5674684 Oct 7, 1997	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING STREPTOMYCES ENTEROCOCCI Inventors: JAMES J. HOGAN, JO A. KOP, SHERROL H. MCDONOUGH	08455834 May 30, 1995		5994059 Nov 30, 1999	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING GROUP I PSEUDOMONAS Inventors: JAMES J. HOGAN, SHERROL H. MCDONOUGH	08453439 May 30, 1995		5677127 Oct 14, 1997	
NUCLEIC ACID PROBES AND METHODS DETECTING ENTEROBACTER CLOACAE Inventors: JAMES J. HOGAN, JO A. KOP, SHERROL H. MCDONOUGH	08454067 May 30, 1995		5958679 Sep 28, 1999	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING PROTEUS MIRABILIS Inventors: JAMES J. HOGAN	08453015 May 30, 1995		5683876 Nov 4, 1997	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING SALMONELLA Inventors: JAMES J. HOGAN	08454081 May 30, 1995		5714321 Feb 3, 1998	

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID PROBES AND METHODS FOR DETECTING ESCHERICHIA COLI Inventors: JAMES J. HOGAN	08454079 May 30, 1995		5693469 Dec 2, 1997	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING EUBACTERIA Inventors: JAMES J. HOGAN, RICHARD SMITH, JO A. KOP, SHERROL H. MCDONOUGH	08454080 May 30, 1995		5679520 Oct 21, 1997	
NUCLEIC ACID PROBES AND METHODS FOR DETECTING FUNGI Inventors: JAMES J. HOGAN, JO A. KOP, SHERROL H. MCDONOUGH	08453771 May 30, 1995		5827651 Oct 27, 1998	
METHODS FOR MAKING OLIGONUCLEOTIDE PROBES FOR THE DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS Inventors: JAMES J HOGAN, RICHARD D SMITH	08454063 May 30, 1995		6150517 Nov 21, 2000	
OLIGONUCLEOTIDE PROBES FOR THE DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS Inventors: JAMES J. HOGAN, RICHARD D. SMITH, JO ANN KOP, SHERROL H. MC DONOUGH	08454064 May 30, 1995		7138516 Nov 21, 2006	

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS	08471394 Jun 6, 1995		5840488 Nov 24, 1998	
Inventors: JAMES J. HOGAN, JO A. KOP, SHERROL H. MCDONOUGH				
OLIGONUCLEOTIDE PROBES FOR THE DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS	08455977 May 31, 1995		7087742 Aug 8, 2006	
Inventors: JAMES J. HOGAN, RICHARD D. SMITH, JO ANN KOP, SHERROL H. MCDONOUGH				
POLYCATIONIC SUPPORTS AND NUCLEIC ACID PURIFICATION SEPARATION AND HYBRIDIZATION	08311289 Sep 23, 1994		5599667 Feb 4, 1997	
Inventors: LYLE J. ARNOLD JR., NORMAN C. NELSON, MARK A. REYNOLDS, ALEXANDER A. WALDROP III				
ASSAY FOR POLYNUCLEOTIDES EMPLOYING OLIGONUCLEOTIDES TO ELIMINATE UNDESIRABLE CROSS REACTIONS	08042855 Mar 31, 1993		5434047 Jul 18, 1995	
Inventors: LYLE J. ARNOLD JR.				
LINKING REAGENTS FOR NUCLEOTIDE PROBES S	08182666 Jan 14, 1994		5585481 Dec 17, 1996	
Inventors: LYLE J. ARNOLD JR., MARK A. REYNOLDS, RAM S. BHATT				

Title	Application	Publication	Patent	International Registration Number
NON-NUCLEOTIDE LINKING REAGENTS FOR NUCLEOTIDE PROBES Inventors: LYLE J. ARNOLD JR., MARK A. REYNOLDS, RAM S. BHATT	08485629 Jun 7, 1995		5696251 Dec 9, 1997	
METHODS FOR MAKING NUCLEOTIDE POLYMERS USING NOVEL LINKING REAGENTS Inventors: LYLE J. ARNOLD JR., MARK A. REYNOLDS, RAM S. BHATT	08490109 Jun 7, 1995		5656744 Aug 12, 1997	
COMPOSITIONS FOR HOMOGENEOUS PROTECTION ASSAY Inventors: LYLE J. ARNOLD JR., NORMAN C. NELSON	08462823 Jun 5, 1995		5948899 Sep 7, 1999	
METHOD AND REAGENT FOR SULFURIZATION OF ORGANOPHOSPHOROUS COMPOUNDS Inventors: RAM S. BHATT	07319570 Mar 6, 1989		5449769 Sep 12, 1995	
NUCLEIC ACID SEQUENCE AMPLIFICATION METHODS Inventors: DANIEL L. KACIAN, TIMOTHY J. FULTZ	07550837 Jul 10, 1990		5480784 Jan 2, 1996	
23S RRNA NUCLEIC ACID PROBES TO MYCOBACTERIUM KANSASII Inventors: JAMES J. HOGAN JR., PHILIP W. HAMMOND	08180762 Jan 5, 1994		5681698 Oct 28, 1997	

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS AND METHODS FOR THE PRESENCE OF MYCOBACTERIUM KANSAS ii Inventors: STEVEN T. BRENTANO, IRENE ANDRUSZKIEWICZ, CAROLINE F. KNOTT	08856963 May 15, 1997		6218107 Apr 17, 2001	
NUCLEIC ACID PROBES TO LISTERIA MONOCYTOGENES Inventors: JAMES J. HOGAN	08486534 Jun 7, 1995		6028187 Feb 22, 2000	
RIBOSOMAL NUCLEIC ACID PROBES TO STREPTOCOCCUS PNEUMONIAE Inventors: CURT L. MILLIMAN	08427712 Apr 21, 1995		5738987 Apr 14, 1998	
NUCLEIC ACID PROBES TO COCCIDIOIDES IMMITIS Inventors: CURT L. MILLIMAN	08178014 Jan 6, 1994		5501951 Mar 26, 1996	
NUCLEIC ACID PROBES TO BLASTOMYCES DERMATITIDIS AND PARACOCCIDIOIDES BRASILIENSIS Inventors: CURT L. MILLIMAN	08283981 Aug 1, 1994		5558990 Sep 24, 1996	
METHOD FOR USE OF BRANCHED NUCLEIC ACID PROBES Inventors: JAMES J. HOGAN, LYLE J. ARNOLD JR., NORMAN C. NELSON, ROBERT BEZVERKOV	08255553 Jun 7, 1994		5451503 Sep 19, 1995	

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID PROBES TO MYCOBACTERIUM TUBERCULOSIS Inventors: PHILIP W. HAMMOND	08418897 Apr 7, 1995		5906917 May 25, 1999	
NUCLEIC ACID AMPLIFICATION OLIGONUCLEOTIDES AND PROBES TO HUMAN HEPATITIS B VIRUS Inventors: SHERROL H. MCDONOUGH, TIMOTHY J. FULTZ	08371583 Jan 12, 1995		5780219 Jul 14, 1998	
DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 Inventors: SHERROL H. MCDONOUGH, THOMAS B. RYDER, YEASING YANG	08462646 Jun 5, 1995		5856088 Jan 5, 1999	
DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 Inventors: SHERROL H. MCDONOUGH, THOMAS B. RYDER, YEASING YANG	08479852 Jun 7, 1995		5712385 Jan 27, 1998	
DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 Inventors: SHERROL H. MCDONOUGH, THOMAS B. RYDER, YEASING YANG	09013406 Jan 26, 1998		6252059 Jun 26, 2001	

Title	Application	Publication	Patent	International Registration Number
DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 Inventors: Sherrol H. McDonough, Thomas B. Ryder, Yeasing Yang	09766095 Jan 20, 2001	20020062016 May 23, 2002	6649749 Nov 18, 2003	
METHODS OF AMPLIFYING NUCLEIC ACIDS USING PROMOTER-CONTAINING PRIMER SEQUENCE Inventors: SHERROL H. MCDONOUGH, DANIEL L. KACIAN, NANIBHUSHAN DATTA GUPTA, DIANE L. MCALLISTER, PHILIP W. HAMMOND, THOMAS B. RYDER	08345861 Nov 28, 1994		5766849 Jun 16, 1998	
OLIGONUCLEOTIDES FOR NUCLEIC ACID AMPLIFICATION AND FOR THE DETECTION OF MYCOBACTERIUM TUBERCULOSIS Inventors: SHERROL H. MCDONOUGH, DANIEL L. KACIAN, NANIBHUSHAN DATTA GUPTA, DIANE L. MCALLISTER, PHILIP W. HAMMOND, THOMAS B. RYDER	08480472 Jun 6, 1995		7009041 Mar 7, 2006	
DETECTING MYCOBACTERIUM TUBERCULOSIS BY NUCLEIC ACID SEQUENCE AMPLIFI- CATION Inventors: DIANE L. MCALLISTER, PHILIP W. HAMMOND	08479105 Jun 6, 1995		5908744 Jun 1, 1999	

Title	Application	Publication	Patent	International Registration Number
OLIGONUCLEOTIDE PROBES ANDMETHODS FOR DETECTING STREPTOCOCCUS PNEUMONIAE Inventors: DANIEL L. KACIAN, DIANE L. MCALLISTER, SHERROL H. MCDONOUGH, NANIBHUSHAN DATTAGUPTA	08486915 Jun 7, 1995		5888729 Mar 30, 1999	
NUCLEIC ACID PROBES TO UREAPLASMA Inventors: JAMES J. HOGAN, DIANE L. MC ALLISTER, PATRICIA GORDON, PHILIP W. HAMMOND	08109037 Aug 18, 1993		6093538 Jul 25, 2000	
AMPLIFICATION OF NUCLEIC ACIDS FROM MONONUCLEAR CELLS USING IRON COMPLEXING AND OTHER AGENTS Inventors: THOMAS B. RYDER, DANIEL L. KACIAN	08254310 Jun 6, 1994		5639599 Jun 17, 1997	
METHOD AND KIT FOR DESTROYING ABILITY OF NUCLEIC ACID TO BE AMPLIFIED Inventors: NANIBHUSHAN DATTAGUPTA, THOMAS B. RYDER, DANIEL L. KACIAN, KEIICHI KAMISANGO	08218990 Mar 28, 1994		5612200 Mar 18, 1997	
NUCLEIC ACID PROBES TO CHLAMYDIA PNEUMONIAE Inventors: PHILIP HAMMOND, ANTHONY ENDOZO	08344257 Nov 23, 1994		5683870 Nov 4, 1997	

Title	Application	Publication	Patent	International Registration Number
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METHOD TO PREPARE NUCLEIC ACIDS FROM A BIOLOGICAL SAMPLE USING LOW PH AND ACID PROTEASE	08015729 Feb 10, 1993		5386024 Jan 31, 1995	
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Inventors: DANIEL L. KACIAN,
KIYOTADA NUNOMURA

KITS FOR PROCESSING BIOLOGICAL SPECIMENS FOR NUCLEIC ACID HYBRIDIZATION ASSAYS, TARGET AMPLIFICATION REACTIONS, AND SIMILAR USES	08347272 Nov 30, 1994		6610475 Aug 26, 2003	
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Inventors: DANIEL L. KACIAN,
KIYOTADA NUNOMURA

METHODS OF ENHANCING NUCLEIC ACID AMPLIFICATION	08421471 Apr 14, 1995		5786183 Jul 28, 1998	
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Inventors: THOMAS B. RYDER,
ELIZABETH R. BILLYARD,
NANIBHUSHAN DATTA GUPTA

OLIGONUCLEOTIDES WITH ACTIVITY AGAINST HUMAN IMMUNODEFICIENCY VIRUS	08279751 Jul 19, 1994		5629413 May 13, 1997	
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Inventors: TODD C. PETERSON,
JORGE VELARDE JR.

OLIGONUCLEOTIDES WITH ACTIVITY AGAINST HUMAN IMMUNODEFICIENCY VIRUS	08866958 Jun 2, 1997		5919701 Jul 6, 1999	
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Inventors: TODD C. PETERSON,
JORGE VELARDE JR.

Title	Application	Publication	Patent	International Registration Number
ENHANCEMENT OF OLIGONUCLEOTIDE INHIBITION OF PROTEIN PRODUCTION, CELL PROLIFERATION, AND/OR MULTIPLICATION OF INFECTIOUS DISEASE PATHOGENS	08453046	May 30, 1995	5739309	Apr 14, 1998
Inventors: NANIBHUSHAN DATTAGUPTA, C. NAGARAJA SRIDHAR, DANIEL L. KACIAN				
NUCLEIC ACID PROBES TO MYCOBACTERIUM AVIUM COMPLEX	08116984	Sep 3, 1993	6136529	Oct 24, 2000
Inventors: PHILIP W. HAMMOND				
NUCLEIC ACID HYBRIDIZATION ASSAY PROBES, HELPER PROBES AND AMPLIFICATION OLIGONUCLEOTIDES TARGETED TO MYCOPLASMA PNEUMONIAE NUCLEIC ACID	08297299	Aug 29, 1994	5656427	Aug 12, 1997
Inventors: PHILIP W. HAMMOND, ANTHONY A. ENDOZO				
NUCLEIC ACID HYBRIDIZATION ASSAY PROBES, HELPER PROBES AND AMPLIFICATION OLIGONUCLEOTIDES TARGETED TO MYCOPLASMA PNEUMONIAE NUCLEIC ACID	08858083	May 16, 1997	5969122	Oct 19, 1999
Inventors: PHILIP W. HAMMOND, ANTHONY A. ENDOZO				

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID PROBES AND AMPLIFICATION OLIGONUCLEOTIDES FOR NEISSERIA SPECIES Inventors: YEASING YANG, GARY BEE, SHERROL MCDONOUGH	08484607 Jun 7, 1995		5747252 May 5, 1998	
NUCLEIC ACID PROBES AND AMPLIFICATION OLIGONUCLEOTIDES FOR NEISSERIA SPECIES Inventors: YEASING YANG, GARY BEE, SHERROL MCDONOUGH	08962369 Oct 31, 1997		6100027 Aug 8, 2000	
HYBRIDIZATION ASSAY PROBES AND METHODS FOR DETECTING THE PRESENCE OF NEISSERIA MENINGITIDIS SUBTYPES A, C AND L IN A SAMPLE Inventors: YEASING YANG, GARY BEE, SHERROL MCDONOUGH	09394175 Sep 13, 1999		6541201 Apr 1, 2003	
NUCLEIC ACID AMPLIFICATION OLIGONUCLEOTIDES AND PROBES TO LYME DISEASE ASSOCIATED BORRELIA Inventors: JAMES J. HOGAN, YEASING YANG, NICK CARTER	08953094 Oct 17, 1997		6074826 Jun 13, 2000	
ADDUCT PROTECTION ASSAY Inventors: MICHAEL BECKER, NORMAN C. NELSON	08478221 Jun 7, 1995		5731148 Mar 24, 1998	

Title	Application	Publication	Patent	International Registration Number
AMPLIFICATION PRIMERS AND NUCLEIC ACID PROBES TARGETED TO COCCIDIOIDES IMMITIS NUCLEIC ACID Inventors: DIANE L. MCALLISTER, KATHLEEN A. CLARK	08384541 Feb 7, 1995		5622827 Apr 22, 1997	
PROMOTER-SEQUESTERED OLIGONUCLEOSIDE AND METHOD OF USE Inventors: PAUL D. STULL, KRISTI K. MYERS, MICHAEL M. BECKER	08770941 Dec 30, 1996		6025133 Feb 15, 2000	
ISOTHERMAL STRAND DISPLACEMENT NUCLEIC ACID AMPLIFICATION Inventors: Nanibhushan Dattagupta, Paul Douglas Stull, Marc Spingola, Daniel Louis Kacian	10165281 Jun 7, 2002		RE38960 Jan 31, 2006	
ISOTHERMAL STRAND DISPLACEMENT NUCLEIC ACID AMPLIFICATION Inventors: Nanibhushan Dattagupta, Paul Douglas Stull, Marc Spingola, Daniel Louis Kacian	10164833 Jun 7, 2002		RE39007 Mar 7, 2006	
METHOD FOR EXTRACTING NUCLEIC ACIDS FROM A WIDE RANGE OF ORGANISMS Inventors: KATHLEEN A. CLARK, DANIEL L. KACIAN	08544560 Oct 18, 1995		5786208 Jul 28, 1998	

Title	Application	Publication	Patent	International Registration Number
METHODS FOR EXTRACTING NUCLEIC ACIDS FROM A WIDE RANGE OF ORGANISMS BY NON LYTIC PERMEABILIZATION Inventors: KATHLEEN A. CLARK, DANIEL L. KACIAN	08778582 Jan 3, 1997		5837452 Nov 17, 1998	
METHOD FOR SUPPRESSING INHIBITION OF ENZYME-MEDIATED REACTIONS BY IONIC DETERGENTS USING HIGH CONCENTRATION OF NON-IONIC DETERGENT Inventors: DANIEL L. KACIAN, DIANE L. MCALLISTER	08779342 Jan 6, 1997		5846701 Dec 8, 1998	
METHOD FOR SUPPRESSING INHIBITION OF ENZYME-MEDIATED NUCLEIC ACID AMPLIFICATION REACTIONS BY IONIC DETERGENTS Inventors: DANIEL LOUIS KACIAN, DIANE LISA MCALLISTER	08823568 Mar 25, 1997		5871975 Feb 16, 1999	
PURIFIED DNA POLYMERASE FROM BACILLUS STEAROTHERMOPHILUS ATCC 12980 Inventors: MICHAEL G. RIGGS, MATHOOR SIVARAM, STARLA D. TUDOR	08394232 Feb 24, 1995		6100078 Aug 8, 2000	

Title	Application	Publication	Patent	International Registration Number
PURIFIED DNA POLYMERASE FROM BACILLUS STEAROTHERMOPHILUS Inventors: MICHAEL G. RIGGS, MATHOOR SIVARAM, STARLA DIANNE TUDOR	09135642 Aug 18, 1998		6066483 May 23, 2000	
HIGHLY-PURIFIED RECOMBINANT REVERSE TRANSCRIPTASE Inventors: DANIEL L. KACIAN, MICHAEL G. RIGGS, JAMES G. PUTNAM	08778217 Jan 9, 1997		5935833 Aug 10, 1999	
HIGHLY-PURIFIED RECOMBINANT REVERSE TRANSCRIPTASE Inventors: DANIEL LOUIS KACIAN, MICHAEL GARTH RIGGS, JAMES GARFIELD PUTNAM	08821948 Mar 21, 1997		5998195 Dec 7, 1999	
COMPOSITIONS FOR THE SIMULTANEOUS DETECTION AND QUANTIFICATION OF MULTIPLE SPECIFIC NUCLEIC ACID SEQUENCES Inventors: NORMAN C. NELSON, JAMES S. WOODHEAD, IAN WEEKS, AZZOUZ BEN CHIEKH	08683122 Jul 16, 1996		5756709 May 26, 1998	
COMPOSITIONS AND METHODS FOR THE SIMULTANEOUS DETECTION AND QUANTIFICATION OF MULTIPLE SPECIFIC NUCLEIC ACID SEQUENCES Inventors: NORMAN C. NELSON, JAMES S. WOODHEAD, IAN WEEKS, AZZOUZ BEN CHIEKH	08683124 Jul 16, 1996		5827656 Oct 27, 1998	

Title	Application	Publication	Patent	International Registration Number
COMPOSITIONS AND METHODS FOR THE SIMULTANEOUS DETECTION AND QUANTIFICATION OF MULTIPLE SPECIFIC NUCLEIC ACID SEQUENCES Inventors: NORMAN C. NELSON, JAMES S. WOODHEAD, IAN WEEKS, AZZOUZ B. CHEIKH	08692610 Aug 6, 1996		5658737 Aug 19, 1997	
LABELED HYBRIDIZATION ASSAY PROBES USEFUL FOR THE DETECTION AND QUANTIFICATION OF MULTIPLE NUCLEIC ACID SEQUENCES Inventors: NORMAN CHARLES NELSON, JAMES STUART WOODHEAD, IAN WEEKS, AZZOUZ BEN CHEIKH	08858803 May 19, 1997		5840873 Nov 24, 1998	
COMPOSITIONS FOR THE DETECTION OF CHLAMYDIA TRACHOMATIS Inventors: YEASING YANG, PAUL D. STULL, MARC SPINGOLA	08323257 Oct 14, 1994		5514551 May 7, 1996	
METHODS FOR THE DETECTION OF CHLAMYDIA TRACHOMATIS Inventors: YEASING YANG, PAUL D. STULL, MARC SPINGOLA	08450186 May 25, 1995		5512445 Apr 30, 1996	
STABILIZED COMPOSITIONS OF REVERSE TRANSCRIPTASE AND RNA POLYMERASE Inventors: NANCY L. L. SHEN, DANIEL L. KACIAN, JAMES G. PUTNAM, WILLIAM M. DAVIS	08387011 Feb 10, 1995		5556771 Sep 17, 1996	

Title	Application	Publication	Patent	International Registration Number
METHOD OF MAKING STABILIZED ENZYME COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION Inventors: NANCY L. L. SHEN, DANIEL L. KACIAN, JAMES G. PUTNAM, WILLIAM M. DAVIS	08444547 May 19, 1995		5614387 Mar 25, 1997	
STABILIZED ENZYME COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION Inventors: NANCY LAN LIU SHEN, DANIEL L. KACIAN, JAMES G. PUTNAM, WILLIAM M. DAVIS	08898570 Jul 22, 1997		5834254 Nov 10, 1998	
COMPOSITIONS FOR DETECTING AND QUANTIFYING BIOLOGICAL SAMPLES Inventors: MICHAEL M. BECKER	08475334 Jun 7, 1995		5879885 Mar 9, 1999	
COMPOSITIONS AND METHODS FOR DETECTING AND QUANTIFYING BIOLOGICAL SAMPLES Inventors: MICHAEL MCCLELLAN BECKER	09094139 Jun 9, 1998		6059561 May 9, 2000	

Title	Application	Publication	Patent	International Registration Number
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KITS FOR DETERMINING PRE-AMPLIFICATION LEVELS OF A NUCLEIC ACID TARGET SEQUENCE FROM POST-AMPLIFICATION LEVELS OF PRODUCT	08486705		5710029	
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Jun 7, 1995

Jan 20,
1998

Inventors: THOMAS B. RYDER,
KAREN W. SHANNON, DANIEL L.
KACIAN, RICHARD C. HARVEY,
SHERROL H. MCDONOUGH, FRANK
R. GONZALES, MARIA R.
CASTILLO, ELIZABETH R.
BILLYARD, NANCY LAU LIU SHEN

KITS FOR DETERMINING PRE-AMPLIFICATION LEVELS OF A NUCLEIC ACID TARGET SEQUENCE FROM POST-AMPLIFICATION LEVELS OF PRODUCT	08482428		5705365	
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Jun 7, 1995

Jan 6,
1998

Inventors: THOMAS B. RYDER,
KAREN W. SHANNON, DANIEL L.
KACIAN, RICHARD C. HARVEY,
SHERROL H. MCDONOUGH, FRANK
R. GONZALES, MARIA R.
CASTILLO, ELIZABETH R.
BILLYARD, NANCY L. L. SHEN

METHODS FOR AMPLIFYING TARGET NUCLEIC ACIDS USING MODIFIED PRIMERS	08893300		6130038	
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Jul 15,
1997Oct 10,
2000

Inventors: STEVEN T. BRENTANO,
MICHAEL M. BECKER, MEHRDAD
MAJLESSI

Title	Application	Publication	Patent	International Registration Number
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KITS FOR AMPLIFYING TARGET NUCLEIC ACID SEQUENCES USING MODIFIED OLIGONUCLEOTIDES	09523237 Mar 10, 2000		6903206 Jun 7, 2005	
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Inventors: Michael M. Becker,
Mehrdad Majlessi, Steven T.
Brentano

METHOD FOR DETERMINING THE PRESENCE OF AN RNA ANALYTE IN A SAMPLE USING A MODIFIED OLIGONUCLEOTIDE PROBE	09565427 May 5, 2000		7070925 Jul 4, 2006	
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Inventors: Michael M. Becker,
Mehrdad Majlessi, Steven T.
Brentano

KITS AND REACTION MIXTURES CONTAINING MODIFIED PROBE MOLECULES	09808558 Mar 14, 2001	20030036058 Feb 20, 2003	7399852 Jul 15, 2008	
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Inventors: Michael M. Becker,
Mehrdad Majlessi, Steven T.
Brentano

AMPLIFICATION AND DETECTION METHOD	11924910 Oct 26, 2007	20080090246 Apr 17, 2008	7495093 Feb 24, 2009	
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Inventors: Michael M. BECKER,
Mehrdad R. MAJLESSI

METHOD FOR DETECTING A STRUCTURED TARGET	11925209 Oct 26, 2007	20080090247 Apr 17, 2008	7563579 Jul 21, 2009	
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Inventors: Michael M. BECKER,
Mehrdad MAJLESSI

Title	Application	Publication	Patent	International Registration Number
MODIFIED PROBE MOLECULES HAVING SELF-COMPLEMENTARY REGIONS Inventors: Michael M. BECKER, Mehrdad MAJLESSI	11930913 Oct 31, 2007	20080114161 May 15, 2008	7572588 Aug 11, 2009	
DETECTING OR QUANTIFYING MULTIPLE ANALYTES USING LABELLING TECHNIQUES Inventors: JAMES S. WOODHEAD, IAN WEEKS, SHARIAR BATMANGHELICH	08439311 May 11, 1995		5656207 Aug 12, 1997	
DETECTING OR QUANTIFYING MULTIPLE ANALYTES USING LABELLING TECHNIQUES Inventors: JAMES STUART WOODHEAD, IAN WEEKS, SHARIAR BATMANGHELICH	08810099 Mar 3, 1997		5756011 May 26, 1998	
USE OF RESTRICTION ENDONUCLEASE SEQUENCES FOR CLEAVING PHOSPHOROTHIOATE OLIGONUCLEOTIDES Inventors: DAVID B. LACKEY, NANIBHUSHAN DATTA GUPTA, DANIEL L. KACIAN	08484816 Jun 7, 1995		5652126 Jul 29, 1997	
NUCLEIC ACID PROBES COMPLEMENTARY TO HUMAN PAPILLOMA VIRUS NUCLEIC ACID Inventors: NICK M. CARTER	08749955 Nov 14, 1996		6583278 Jun 24, 2003	

Title	Application	Publication	Patent	International Registration Number
OLIGONUCLEOTIDES FOR USE IN DETERMINING THE PRESENCE OF HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE	10601913 Jun 23, 2003	20040018539 Jan 29, 2004	7470512 Dec 30, 2008	
Inventors: Patricia Gordon, Nick M. Carter, Steven T. Brentano, Philip W. Hammond				
OLIGONUCLEOTIDES FOR USE IN DETERMINING THE PRESENCE OF HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE	10607416 Jun 26, 2003	20050260562 Nov 24, 2005	7355034 Apr 8, 2008	
Inventors: Patricia Gordon, Nick M. Carter, Steven T. Brentano, Philip W. Hammond				
OLIGONUCLEOTIDES FOR DETECTING HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE	11929753 Oct 30, 2007	20080311560 Dec 18, 2008	7875441 Jan 25, 2011	
Inventors: Patricia GORDON, Nick M. Carter, Steven T. Brentano, Philip W. Hammond				
TWO-STEP HYBRIDIZATION AND CAPTURE OF A POLYNUCLEOTIDE	09070998 May 1, 1998		6110678 Aug 29, 2000	
Inventors: WILLIAM G. WEISBURG, JAY H. SHAW, MICHAEL M. BECKER, MEHRDAD MAJLESSI				
Two-step hybridization and capture of a polynucleotide	09574561 May 19, 2000		6280952 Aug 28, 2001	
Inventors: William G. Weisburg, Jay H. Shaw, Michael M. Becker, Mehrdad Majlessi				

Title	Application	Publication	Patent	International Registration Number
TWO-STEP HYBRIDIZATION AND CAPTURE OF A POLYNUCLEOTIDE Inventors: William G. Weisburg, Jay H. Shaw, Michael M. Becker, Mehrdad R. Majlessi, Kiyotada Nunomura, Steven T. Brentano	09956412 Sep 18, 2001	20020127569 Sep 12, 2002	6534273 Mar 18, 2003	
DIAGNOSTIC TESTING INSTRUMENT Inventors: BRIAN HEIDSIEK, LARRY G. TANG, JONATHAN SCHEINER, KAREL J. GOLTA	29078352 Oct 13, 1997		D410080 May 18, 1999	
REACTION RECEPTACLE APPARATUS Inventors: GLENN A. HORNER, SHIRLEY J. JOHNSON, ROBERT E. SCHNEIDER, ROBERT J. SMITH, GUS TSEO	09070726 May 1, 1998		6086827 Jul 11, 2000	
REACTION RECEPTACLE APPARATUS Inventors: Glenn A. Horner, Shirley J. Johnson, Robert E. Schneider, Robert J. Smith, Gus Tseo	09557574 Apr 21, 2000		6517782 Feb 11, 2003	
REACTION RECEPTACLE APPARATUS Inventors: Glenn A. Horner, Shirley J. Johnson, Robert E. Schneider, Robert J. Smith, Gus Tseo	09802648 Mar 9, 2001	20010007643 Jul 12, 2001	6517783 Feb 11, 2003	

Title	Application	Publication	Patent	International Registration Number
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METHODS FOR DETECTING AND MEASURING SPLICED NUCLEIC ACIDS Inventors: RICHARD C. HARVEY, PAUL SCOTT EASTMAN	09121239 Jul 23, 1998		6849400 Feb 1, 2005	
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EXTENDED DYNAMIC RANGE ASSAYS Inventors: NORMAN C. NELSON	08962033 Oct 31, 1997		6180340 Jan 30, 2001	
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Extended dynamic range assays Inventors: Norman C. Nelson	09649636 Aug 28, 2000		6350579 Feb 26, 2002	
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ASSAY WORK STATION Inventors: GALO F. ACOSTA, JEFFREY D. BRANSKY, ROBERT CASE, GREGORY J. FOSTER, KRISTI K. MYERS, THOMAS M. SHIMEI, ANDREW J. WOODHEAD	09191343 Nov 13, 1998		6254826 Jul 3, 2001	
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ASSAY WORK STATION Inventors: Galo F. Acosta, Jeffrey D. Bransky, Robert Case, Gregory J. Foster, Kristi K. Myers, Thomas M. Shimei, Andrew J. Woodhead	09826944 Apr 6, 2001	20010016178 Aug 23, 2001	6852283 Feb 8, 2005	
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ASSAY WORK STATION Inventors: Galo F. Acosta, Jeffrey D. Bransky, Robert Case, Gregory J. Foster, Kristi K. Myers, Thomas M. Shimei, Andrew J. Woodhead	09826950 Apr 6, 2001	20010012492 Aug 9, 2001	6846456 Jan 25, 2005	
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Title	Application	Publication	Patent	International Registration Number
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AUTOMATED PROCESS FOR AND AMPLIFYUNG A TARGET NUCLEIC ACID SEQUENCE	09303030 Apr 30, 1999		6335166 Jan 1, 2002	
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Inventors: KELLY G. AMMANN,
RALPH E. BURNS, ERNEST V.
HANSBERRY, GLENN A. HORNER,
CHERYL A. JAKUB, JOHN E. KLING,
DONALD J. NIEGLOS, ROBERT E.
SCHNEIDER, ROBERT J. SMITH

METHOD AND APPARATUS FOR PERFORMING A MAGNETIC SEPARATION PURIFICATION PROCEDURE ON A SAMPLE SOLUTION	09721921 Nov 27, 2000		6605213 Aug 12, 2003	
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Inventors: Robert J. Smith

AUTOMATED DIAGNOSTIC ANALYZER AND METHOD	09825067 Apr 4, 2001	20010019826 Sep 6, 2001	6764649 Jul 20, 2004	
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Inventors: Kelly G. Ammann

AUTOMATED SYSTEM FOR ISOLATING AND AMPLIFYING A TARGET NUCLEIC ACID SEQUENCE	09973862 Oct 11, 2001	20020137197 Sep 26, 2002	7033820 Apr 25, 2006	
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Inventors: Kelly G. Ammann, Ralph E.
Burns, Ernest V. Hansberry, Glenn A.
Horner, Cheryl A. Jakub, John E.
Kling, Robert E. Schneider, Robert J.
Smith, Donald J. Nieglos

Title	Application	Publication	Patent	International Registration Number
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AUTOMATED PROCESS FOR ISOLATING AND AMPLIFYING A TARGET NUCLEIC ACID SEQUENCE	09985064 Nov 1, 2001	20020028489 Mar 7, 2002	6890742 May 10, 2005	
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert E. Schneider, Robert J. Smith

INCUBATOR FOR USE IN AN AUTOMATED DIAGNOSTIC ANALYZER	10073346 Feb 13, 2002	20020098117 Jul 25, 2002	7267795 Sep 11, 2007	
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Inventors: Kelly G. Ammann, Robert E. Schneider, Robert J. Smith

DEVICE FOR AGITATING THE FLUID CONTENTS OF A CONTAINER	10145695 May 16, 2002	20020137194 Sep 26, 2002	7135145 Nov 14, 2006	
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Inventors: Kelly G. Ammann, Ernest V. Hansberry

MULTIPLE RING ASSEMBLY FOR PROVIDING SPECIMEN TO REACTION RECEPTACLES WITHIN AN AUTOMATED ANALYZER	10268899 Oct 11, 2002	20030054542 Mar 20, 2003	7384600 Jun 10, 2008	
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Inventors: Ralph E. Burns, Ernest V. Hansberry

Title	Application	Publication	Patent	International Registration Number
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AUTOMATED PROCESS FOR PREPARING AND AMPLIFYING A TARGET NUCLEIC ACID SEQUENCE	10263939 Oct 3, 2002	20030027206 Feb 6, 2003	7118892 Oct 10, 2006	
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert E. Schneider, Robert J. Smith

INSTRUMENT FOR DETECTING LIGHT EMITTED BY THE CONTENTS OF A REACTION RECEPTACLE	10721216 Nov 26, 2003	20040115796 Jun 17, 2004	7396509 Jul 8, 2008	
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Inventors: Ralph E. Burns

AUTOMATED PROCESS FOR DETECTING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SAMPLE	10946557 Sep 22, 2004	20050130198 Jun 16, 2005	7560255 Jul 14, 2009	
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert E. Schneider, Robert J. Smith

METHOD FOR AGITATING THE FLUID CONTENTS OF A CONTAINER	11134323 May 23, 2005	20050233370 Oct 20, 2005	7666681 Feb 23, 2010	
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Inventors: Kelly G. Ammann, Ernest V. Hansberry

Title	Application	Publication	Patent	International Registration Number
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Automated process for detecting the presence of a target nucleic acid in a sample	11168374	20050266489	7560256	
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert E. Schneider, Robert J. Smith

AUTOMATED PROCESS FOR DETECTING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SAMPLE	11169112	20050239127	7482143	
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Donald J. Nieglos, Robert J. Smith, Robert E. Schneider

AUTOMATED PROCESS FOR DETECTING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SAMPLE	11168592	20060003373	7524652	
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Inventors: Kelly G. Ammann, Ralph E. Burns, Ernest V. Hansberry, Glenn A. Horner, Cheryl A. Jakub, John E. Kling, Robert E. Schneider, Robert J. Smith, Donald J. Nieglos

TEMPERATURE-CONTROLLED INCUBATOR HAVING ROTATABLE DOOR	11772453	20090130749	8012419	
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Inventors: Kelly G. Ammann, Robert J. Smith, Robert E. Schneider

Title	Application	Publication	Patent	International Registration Number
TEMPERATURE-CONTROLLED INCUBATOR HAVING AN ARCUATE CLOSURE PANEL Inventors: Kelly G. Ammann, Robert E. Schneider, Robert J. Smith	11869300 Oct 9, 2007	20090068074 Mar 12, 2009	8137620 Mar 20, 2012	
METHOD FOR AGITATING THE FLUID CONTENTS OF A CONTAINER Inventors: Kelly G. Ammann, Ernest V. Hansberry	11924037 Oct 25, 2007	20080096214 Apr 24, 2008	7666602 Feb 23, 2010	
SYSTEM AND METHOD FOR INCUBATING THE CONTENTS OF A REACTION RECEPTACLE Inventors: Kelly G. AMMANN, Robert E. SCHNEIDER, Robert J. SMITH	11924001 Oct 25, 2007	20080089818 Apr 17, 2008	8192992 Jun 5, 2012	
SYSTEM FOR AGITATING THE FLUID CONTENTS OF A CONTAINER Inventors: Kelly G. Ammann, Ernest V. Hansberry	11927856 Oct 30, 2007	20080212400 Sep 4, 2008	7638337 Dec 29, 2009	
METHOD AND APPARATUS FOR STRIPPING A CONTACT-LIMITING ELEMENT FROM A PIPETTE PROBE Inventors: Robert J. Smith	12335812 Dec 16, 2008	20090095091 Apr 16, 2009	8047086 Nov 1, 2011	
METHOD AND APPARATUS FOR STRIPPING A CONTACT-LIMITING ELEMENT FROM A PIPETTE PROBE Inventors: Robert J. Smith	12335814 Dec 16, 2008	20090095419 Apr 16, 2009	7941904 May 17, 2011	

Title	Application	Publication	Patent	International Registration Number
NUCLEIC ACID SEQUENCES FOR DETECTING GENETIC MARKERS FOR CANCER IN A BIOLOGICAL SAMPLE Inventors: Richard C. Harvey, Thomas J. Clark Jr. JR.	09493491 Jan 28, 2000		6551778 Apr 22, 2003	
NUCLEIC ACID SEQUENCES FOR DETECTING GENETIC MARKERS FOR CANCER IN A BIOLOGICAL SAMPLE Inventors: Richard C. Harvey, Thomas J. Clark JR.	10273707 Oct 17, 2002	20030104448 Jun 5, 2003	6811985 Nov 2, 2004	
NUCLEIC ACID SEQUENCES FOR DETECTING GENETIC MARKERS FOR CANCER IN A BIOLOGICAL SAMPLE Inventors: Richard C. Harvey, Thomas J. Clark JR.	10978145 Oct 28, 2004	20050118630 Jun 2, 2005	7267956 Sep 11, 2007	
MOLECULAR TORCHES AND THEIR USE UNDER STRAND DISPLACEMENT CONDITIONS Inventors: Michael M. Becker, Gary P. Schroth	11044098 Jan 27, 2005	20050130216 Jun 16, 2005	7250259 Jul 31, 2007	
MOLECULAR TORCHES Inventors: Michael M. Becker, Gary P. Schroth	10001344 Oct 31, 2001	20020090633 Jul 11, 2002	6534274 Mar 18, 2003	
MOLECULAR TORCHES Inventors: Michael M. Becker, Gary P. Schroth	10352331 Jan 27, 2003	20030165957 Sep 4, 2003	6835542 Dec 28, 2004	

Title	Application	Publication	Patent	International Registration Number
MOLECULAR TORCHES Inventors: Michael M. Becker, Gary P. Schroth	10352355 Jan 27, 2003	20030157542 Aug 21, 2003	6849412 Feb 1, 2005	
MICROBIOLOGICAL PRODUCTION OF KETONES FROM C3-C6 SECONDARY ALCOHOLS Inventors: CHING-TSANG HOU	06025727 Mar 30, 1979		4250259 Feb 10, 1981	
MOLECULAR TORCHES AND THEIR USE UNDER DENATURING CONDITIONS Inventors: Michael M. Becker, Gary P. Schroth	11044090 Jan 27, 2005	20050123988 Jun 9, 2005	7252947 Aug 7, 2007	
FLUID DISPENSE AND FLUID SURFACE VERIFICATION SYSTEM AND METHOD Inventors: James H. Lipscomb, Larry Jurik, Bernard Katz, Michael J. Keating, Stone Klengler, John J. Kotlarik, Mieczyslaw Wroblewski	09794255 Feb 28, 2001	20010047692 Dec 6, 2001	6604054 Aug 5, 2003	
METHOD OF DETECTING FLUID FLOW THROUGH A CONDUIT Inventors: James H. Lipscomb, Larry Jurik, Bernard Katz, Michael J. Keating, Stone Klengler, John J. Kotlarik, Mieczyslaw Wroblewski	10214161 Aug 8, 2002	20020189324 Dec 19, 2002	6658946 Dec 9, 2003	
FLUID TRANSFER SYSTEM Inventors: James H. Lipscomb, Larry Jurik, Bernard Katz, Michael J. Keating, Stone Klengler, John J. Kotlarik, Mieczyslaw Wroblewski	10214158 Aug 8, 2002	20020189373 Dec 19, 2002	6663353 Dec 16, 2003	

Title	Application	Publication	Patent	International Registration Number
FLUID DISPENSE VERIFICATION SYSTEM Inventors: James H. Lipscomb, Larry Jurik, Bernard Katz, Michael J. Keating, Stone Klengler, John J. Kotlarik, Mieczyslaw Wroblewski	10425615 Apr 30, 2003	20030209093 Nov 13, 2003	6851453 Feb 8, 2005	
METHOD FOR DETECTING A FLUID SURFACE Inventors: James H. Lipscomb, Larry Jurik, Bernard Katz, Michael J. Keating, Stone Klengler, John J. Kotlarik, Mieczyslaw Wroblewski	10426655 May 1, 2003	20030200801 Oct 30, 2003	6914555 Jul 5, 2005	
DECOY PROBES Inventors: CHRISTOPHER C. ADAMS, STEVEN T. BRENTANO, GARY P. SCHROTH	09365121 Jul 30, 1999		6297365 Oct 2, 2001	
METHOD FOR ENHANCING AMPLIFICATION OF A TARGET NUCLEIC ACID SEQUENCE Inventors: Christopher C. Adams, Steven T. Brentano, Gary P. Schroth	10375623 Feb 27, 2003	20030157547 Aug 21, 2003	7122316 Oct 17, 2006	
POLYNUCLEOTIDE MATRIX-BASED METHOD OF IDENTIFYING MICROORGANISMS Inventors: James J. Hogan	09565238 May 3, 2000		6821770 Nov 23, 2004	
PROBE MATRIX-BASED DEVICE FOR IDENTIFYING MICROORGANISMS Inventors: James J. Hogan	10929710 Aug 30, 2004	20050026206 Feb 3, 2005	7449328 Nov 11, 2008	

Title	Application	Publication	Patent	International Registration Number
Protection Probes Inventors: Steven T. Brentano, Sherrol H. McDonough, Norman C. Nelson	09502966 Feb 11, 2000		6245519 Jun 12, 2001	
DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION Inventors: Gary B. Bee, Yeasing Y. Yang, Dan Kolk, Cristina Giachetti, Sherrol H. McDonough	09611627 Jul 7, 2000		6623920 Sep 23, 2003	
DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION Inventors: Gary G. Bee, Yeasing Y. Yang, Dan Kolk, Cristina Giachetti, Sherrol H. McDonough	10632658 Aug 1, 2003	20040053223 Mar 18, 2004	7097979 Aug 29, 2006	
DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION Inventors: Gary G. Bee, Yeasing Y. Yang, Dan Kolk, Cristina Giachetti, Sherrol H. McDonough	11492532 Jul 24, 2006	20070015142 Jan 18, 2007	7425417 Sep 16, 2008	
DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION Inventors: Gary G. BEE, Yeasing Y. Yang, Dan Kolk, Cristina Giahetti, Sherrol H. McDonough	12204742 Sep 4, 2008	20090053692 Feb 26, 2009	7723040 May 25, 2010	
Polynucleotide amplification method Inventors: Kiyotada Nunomura	09620958 Jul 21, 2000		6294338 Sep 25, 2001	

Title	Application	Publication	Patent	International Registration Number
POLYNUCLEOTIDE QUANTITATION METHOD Inventors: Kiyotada Nunomura	09943286 Aug 30, 2001	20020106668 Aug 8, 2002	6908735 Jun 21, 2005	
CAP Inventors: Mordi I Iheme, Bruce W. Anderson	29128710 Aug 29, 2000		D457247 May 14, 2002	
PENETRABLE CAP Inventors: Bruce W. Anderson, Nick M. Carter, Mordi I. Iheme, Shirley J. Johnson, Daniel L. Kacian, James P. Light, Gus G. Tseo	09704210 Nov 1, 2000		6716396 Apr 6, 2004	
COLLECTION DEVICE AND METHOD FOR REMOVING A FLUID SUBSTANCE FROM THE SAME Inventors: Bruce W. Anderson, Nick M. Carter, Mordi I. Iheme, Shirley J. Johnson, Daniel L. Kacian, James P. Light II, Gus G. Tseo	09821486 Mar 29, 2001	20010041336 Nov 15, 2001	6806094 Oct 19, 2004	
FLUID TRANSFER DEVICE Inventors: Mordi I. Iheme, Daniel L. Kacian, Mark R. Kennedy	09860409 May 18, 2001	20010039058 Nov 8, 2001	6723289 Apr 20, 2004	
METHOD FOR OBTAINING THE CONTENTS OF A FLUID-HOLDING VESSEL Inventors: Mordi I. Iheme, Daniel L. Kacian, Mark R. Kennedy	10418362 Apr 18, 2003	20030207463 Nov 6, 2003	7276383 Oct 2, 2007	

Title	Application	Publication	Patent	International Registration Number
COLLECTION DEVICE Inventors: Bruce W. Anderson, Nick M. Carter, Mordi I. Iheme, Daniel L. Kacian	10715639 Nov 17, 2003	20040105786 Jun 3, 2004	7309469 Dec 18, 2007	
SEALED COLLECTION DEVICE HAVING STRIATED CAP Inventors: Bruce W. Anderson, Nick M. Carter, Mordi I. Iheme, Shirley J. Johnson, Daniel L. Kacian, James P. Light II, Gus G. Tseo	10758304 Jan 14, 2004	20040151634 Aug 5, 2004	7435389 Oct 14, 2008	

Showing properties 501 to 1000



Assignment Details

28810-745: SECURITY AGREEMENT

Date Recorded	Reel/Frame	Pages
Aug 1, 2012	28810-745	78

Assignor

HOLOGIC, INC. Aug 1, 2012

BIOLUCENT, LLC Aug 1, 2012

CYTYC CORPORATION Aug 1, 2012

CYTYC SURGICAL PRODUCTS, LIMITED PARTNERSHIP Aug 1, 2012

SUROS SURGICAL SYSTEMS, INC. Aug 1, 2012

THIRD WAVE TECHNOLOGIES, INC. Aug 1, 2012

GEN-PROBE INCORPORATED Aug 1, 2012

Assignee

GOLDMAN SACHS BANK USA

200 WEST STREET

NEW YORK, NEW YORK UNITED STATES OF AMERICA USA 10282-2198

Correspondent

THOMAS FAHEY

NATIONAL CORPORATE RESEARCH

1100 G STREET, N.W., SUITE 420

WASHINGTON, D.C. 20005

Properties (1147 total)

Showing properties 1001 to 1147

Title	Application	Publication	Patent	International Registration Number	PCT
METHOD FOR ACCESSING THE CONTENTS OF A CLOSED VESSEL CONTAINING A SPECIMEN RETRIEVAL DEVICE	10973521 Oct 26, 2004	20050059161 Mar 17, 2005	7648680 Jan 19, 2010		
Inventors: Bruce W. Anderson, Nick M. Carter, Mordi I. Iheme, Daniel L. Kacian					
METHOD FOR ACCESSING THE CONTENTS OF A CLOSED COLLECTION DEVICE WITH A MODIFIED PIPETTE TIP	11929057 Oct 30, 2007	20080134808 Jun 12, 2008	7927549 Apr 19, 2011		
Inventors: Mordi I. Iheme, Daniel L. Kacian, Mark R. Kennedy, Gus G. Tseo, Bruce W. Anderson, Kathleen A. Dickey, Nick M. Carter					

Title	Application	Publication	Patent	International Registration Number	PCT
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METHOD FOR ACCESSING THE CONTENTS OF A CLOSED COLLECTION DEVICE	11874781 Oct 18, 2007	20080118988 May 22, 2008	7795036 Sep 14, 2010		
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Inventors: Shirley J.
JOHNSON, Bruce W.
ANDERSON, Mordi I.
IHEME, Kathleen A.
DICKEY, Daniel L.
KACIAN, Nick M.
CARTER

STRIATED CAP	12194992 Aug 20, 2008	20080305010 Dec 11, 2008	7708951 May 4, 2010		
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Inventors: Bruce W.
ANDERSON, Nick M.
CARTER, Mordi I.
IHEME, Shirley J.
JOHNSON, Daniel L.
KACIAN, James P.
LIGHT II, Gus G. TSEO

METHOD FOR ACCESSING THE CONTENTS OF A CLOSED VESSEL CONTAINING A SPECIMEN RETRIEVAL DEVICE	12766072 Apr 23, 2010	20100203547 Aug 12, 2010	8038967 Oct 18, 2011		
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Inventors: Bruce W.
ANDERSON, Nick M.
CARTER, Mordi I.
IHEME, Daniel L.
KACIAN

Title	Application	Publication	Patent	International Registration Number	PCT
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NUCLEIC ACID AMPLIFICATION AND DETECTION OF MYCOBACTERIUM SPECIES	09738274 Dec 15, 2000	20030165824 Sep 4, 2003	6664081 Dec 16, 2003		
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Inventors: Steven T.
Brentano, Markus T.
Jucker, Francisco D.
Delgado, Philippe
Cleuziat, Marc Rodrigue

NUCLEIC ACID AMPLIFICATION AND DETECTION OF MYCOBACTERIUM SPECIES	10665708 Sep 18, 2003	20050100915 May 12, 2005	7294489 Nov 13, 2007		
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Inventors: Steven T.
Brentano, Markus T.
Jucker, Francisco D.
Delgado, Philippe
Cleuziat, Marc Rodrigue

NUCLEIC ACID AMPLIFICATION AND DETECTION OF MYCOBACTERIUM SPECIES	11938684 Nov 12, 2007	20090029360 Jan 29, 2009	7879581 Feb 1, 2011		
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Inventors: Steven T.
Brentano, Markus T.
Jucker, Francisco D.
Delgado, Philippe
Cleuziat, Marc Rodrigue

Title	Application	Publication	Patent	International Registration Number	PCT
DETECTION OF RPOB SEQUENCES OF MYCOBACTERIUM TUBERCULOSIS Inventors: Markus T. Jucker, Steven T. Brentano, Francisco D. Delgado, Philippe Cleuziat	10245988 Sep 18, 2002	20030108921 Jun 12, 2003	7094542 Aug 22, 2006		
DETECTION RPOB SEQUENCES OF MYCOBACTERIUM TUBERCULOSIS Inventors: Markus T. Jucker, Steven T. Brentano, Francisco D. Delgado, Philippe Cleuziat	11495262 Jul 27, 2006	20060263823 Nov 23, 2006	7326533 Feb 5, 2008		
DETECTION OF RPOB SEQUENCES OF MYCOBACTERIUM TUBERCULOSIS Inventors: Markus T. Jucker, Steven T. Brentano, Francisco D. Delgado, Philippe Cleuziat	11494963 Jul 28, 2006	20060263822 Nov 23, 2006	7326532 Feb 5, 2008		
Polynucleotide probes for detection and quantitation of actinomycetes Inventors: James J. Hogan, Patricia Gordon	09565596 May 3, 2000		6235484 May 22, 2001		

Title	Application	Publication	Patent	International Registration Number	PCT
Polynucleotide probes for detection and quantitation of bacteria in the family enterobacteriaceae Inventors: James J. Hogan, Patricia Gordon	09565156 May 3, 2000		6326486 Dec 4, 2001		
POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF STAPHYLOCOCCUS Inventors: James J. Hogan, Patricia Gordon	09565241 May 3, 2000		6376186 Apr 23, 2002		
PROCESS FOR LABELING A NUCLEIC ACID Inventors: Ali Laayoun, Lionel Menou, Christelle Tora, Alope R. Banerjee, Michael M. Becker, Kenneth A. Browne, Matthew C. Friedenberg, Fred F. Hajjar	09736151 Dec 15, 2000	20020081586 Jun 27, 2002	6902891 Jun 7, 2005		

Title	Application	Publication	Patent	International Registration Number	PCT
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AMPLIFICATION OF HIV-1 RT SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS	09944036 Aug 31, 2001	20020055095 May 9, 2002	6582920 Jun 24, 2003		
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Inventors: Yeasing Y.
Yang, Steven T.
Brentano, Odile Babola,
Nathalie Tran, Guy
Vernet

AMPLIFICATION OF HIV-1 GAG SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS	10425975 Apr 28, 2003	20030228574 Dec 11, 2003	6946254 Sep 20, 2005		
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Inventors: Yeasing Y.
Yang, Steven T.
Brentano, Odile Babola,
Nathalie Tran, Guy
Vernet

Title	Application	Publication	Patent	International Registration Number	PCT
AMPLIFICATION OF HIV-1 GAG SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS	11145272 Jun 3, 2005	20050227227 Oct 13, 2005	7374877 May 20, 2008		
Inventors: Yeasing Y. Yang, Steven T. Brentano, Odile Babola, Nathalie Tran, Guy Vernet					
AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS	12100350 Apr 9, 2008	20090047659 Feb 19, 2009	7741027 Jun 22, 2010		
Inventors: Yeasing Y. Yang, Steven T. Brentano, Odile Babola, Guy Vernet, Nathalie Tran					
COMPOSITIONS, METHODS AND KITS FOR DETERMINING THE PRESENCE OF CRYPTOSPORIDIUM PARVUM ORGANISMS IN A TEST SAMPLE	09954586 Sep 11, 2001	20020146717 Oct 10, 2002	7081527 Jul 25, 2006		
Inventors: Melissa M. Cunningham, Paul D. Stull, William G. Weisburg					

Title	Application	Publication	Patent	International Registration Number	PCT
METHOD FOR OBTAINING PURIFIED RNA FROM VIABLE OOCYSTS Inventors: Melissa M. CUNNINGHAM, Paul D. STULL, William G. WEISBURG	11459885 Jul 25, 2006	20070020661 Jan 25, 2007	7585631 Sep 8, 2009		
COMPOSITIONS AND METHODS FOR DETECTING THE PRESENCE OF CRYPTOSPORIDIUM ORGANISMS IN A TEST SAMPLE Inventors: Melissa M. CUNNINGHAM, Paul D. STULL, William G. WEISBURG	12555679 Sep 8, 2009	20100003693 Jan 7, 2010	8008017 Aug 30, 2011		
COMPOSITIONS AND METHODS FOR DETECTING THE PRESENCE OF CRYPTOSPORIDIUM PARVUM IN A TEST SAMPLE Inventors: Melissa M. CUNNINGHAM, Paul D. STULL, William G. WEISBURG	13183312 Jul 14, 2011	20110269133 Nov 3, 2011	8105779 Jan 31, 2012		
KITS FOR DETECTING HIV-2 Inventors: Yeasing Y. Yang, Terrie A. Burrell	10001407 Oct 22, 2001	20020177127 Nov 28, 2002	6870045 Mar 22, 2005		

Title	Application	Publication	Patent	International Registration Number	PCT
METHODS AND COMPOSITIONS FOR DETECTION OF MYCOBACTERIUM AVIUM COMPLEX SPECIES	09738972 Dec 15, 2000	20020012918 Jan 31, 2002	6747141 Jun 8, 2004		
Inventors: Steven T. Brentano, Roger L. Lankford					
METHODS AND COMPOSITIONS FOR DETECTION OF MYCOBACTERIUM AVIUM COMPLEX SPECIES	10862026 Jun 4, 2004	20040224348 Nov 11, 2004	7361746 Apr 22, 2008		
Inventors: Steven T. Brentano, Roger L. Lankford					
LYSIS METHOD FOR MICRO-ORGANISMS	09509006 Jul 17, 2000		6660472 Dec 9, 2003		
Inventors: Lise Santoro, Sophie Lopez, Bruno Colin, Corine Jay, Cecile Paris, Kathleen Ann Clark Dickey					
POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF CANDIDA SPECIES	09846797 May 1, 2001	20030165833 Sep 4, 2003	6773882 Aug 10, 2004		
Inventors: James J. Hogan, Patricia C. Gordon					

Title	Application	Publication	Patent	International Registration Number	PCT
POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF CANDIDA ALBICANS AND CANDIDA DUBLINIENSIS Inventors: Curt L. Milliman, Gary G. Bee, James J. Hogan	09847842 May 1, 2001	20020038015 Mar 28, 2002	6495327 Dec 17, 2002		
METHOD FOR ENHANCING THE ASSOCIATION RATES OF POLYNUCLEOTIDES Inventors: Michael M. Becker	10020596 Dec 7, 2001	20020164614 Nov 7, 2002	7374945 May 20, 2008		
PENETRABLE CAP Inventors: Daniel L. Kacian, Mark R. Kennedy, Nick M. Carter	10093511 Mar 8, 2002	20020127147 Sep 12, 2002	6893612 May 17, 2005		
PENETRABLE CAP Inventors: Daniel L. Kacian, Mark R. Kennedy, Nick M. Carter	10954578 Sep 29, 2004	20050079633 Apr 14, 2005	7294308 Nov 13, 2007		
PENETRABLE CAP Inventors: Daniel L. KACIAN, Mark R. KENNEDY, Nick M. CARTER	11869233 Oct 9, 2007	20080072690 Mar 27, 2008	7691332 Apr 6, 2010		

Title	Application	Publication	Patent	International Registration Number	PCT
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METHOD FOR REMOVING A FLUID SUBSTANCE FROM A CLOSED SYSTEM	12412074 Mar 26, 2009	20090208966 Aug 20, 2009	7824922 Nov 2, 2010		
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Inventors: Daniel L.
KACIAN, Mark R.
KENNEDY, Nick M.
CARTER

PENETRABLE CAP	12753010 Apr 1, 2010	20100190215 Jul 29, 2010	8052944 Nov 8, 2011		
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Inventors: Daniel L.
KACIAN, Mark R.
KENNEDY, Nick M.
CARTER

PENETRABLE CAP	12959016 Dec 2, 2010	20110076727 Mar 31, 2011	8057762 Nov 15, 2011		
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Inventors: Daniel L.
KACIAN, Mark R.
KENNEDY, Nick M.
CARTER

PROBES, COMPOSITIONS AND KITS FOR DETERMINING THE PRESENCE OF MYCOPLASMA PNEUMONIAE IN A TEST SAMPLE	10286653 Oct 31, 2002	20030194723 Oct 16, 2003	7214780 May 8, 2007		
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Inventors: Melissa M.
Cunningham, James P.
Light II

Title	Application	Publication	Patent	International Registration Number	PCT
PROBES, COMPOSITIONS AND KITS FOR DETERMINING THE PRESENCE OF MYCOPLASMA GENITALIUM IN A TEST SAMPLE Inventors: Melissa M. Cunningham, James P. Light II	10286678 Oct 31, 2002	20030203376 Oct 30, 2003	7345155 Mar 18, 2008		
CONNECTOR FOR USE IN COMBINING THE CONTENTS OF A PAIR OF CONTAINERS Inventors: Thomas M. Shimei, Gus G. Tseo	10215976 Aug 9, 2002	20030030278 Feb 13, 2003	6910720 Jun 28, 2005		
SAMPLE CARRIER Inventors: James D. Dale, Gerard J. Sevigny, Matthew W. Webb, Gus G. Tseo	10199690 Jul 18, 2002	20030017084 Jan 23, 2003	7282182 Oct 16, 2007		
AUTOMATED SAMPLING SYSTEM Inventors: James D. DALE, Gerard J. SEVIGNY, Matthew W. WEBB, Gus G. TSEO	11870290 Oct 10, 2007	20080282816 Nov 20, 2008	7587952 Sep 15, 2009		
INVERSION PROBES Inventors: Kenneth A. Browne	10388918 Mar 14, 2003	20040005595 Jan 8, 2004	7070933 Jul 4, 2006		

Title	Application	Publication	Patent	International Registration Number	PCT
DEVICE FOR AMPLIFYING AND DETECTING A TARGET NUCLEIC ACID Inventors: Kenneth A. Browne	10621803 Jul 17, 2003	20040023284 Feb 5, 2004	7582470 Sep 1, 2009		
ASSAY FOR DETECTION OF HUMAN PARVOVIRUS B19 NUCLEIC ACID Inventors: Steven T. Brentano, Margarita Batranina-Kaminsky, Cynthia S. Hasselkus- Light, Daniel P. Kolk	10231843 Aug 30, 2002	20030124578 Jul 3, 2003	7094541 Aug 22, 2006		
CLOSURE SYSTEM Inventors: Robert F. Scalese, Daniel L. Kacian	10259071 Sep 27, 2002	20030062330 Apr 3, 2003	6702134 Mar 9, 2004		
COMPOSITIONS AND METHODS FOR DETECTING HEPATITIS B VIRUS Inventors: Jeffrey M. LINNEN, Daniel P. KOLK, Janel M. DOCKTER, Damon K. GETMAN, Tadashi YOSHIMURA, Martha K. HO-SING-LOY, Reinhold B. POLLNER, Leslie A. STRINGFELLOW	11872538 Oct 15, 2007	20080081328 Apr 3, 2008	7785844 Aug 31, 2010		

Title	Application	Publication	Patent	International Registration Number	PCT
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COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID Inventors: James D. Carlson, Steven T. Brentano	11182177 Jul 13, 2005	20060014142 Jan 19, 2006	7544792 Jun 9, 2009		
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COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID Inventors: James D. CARLSON, Steven T. BRENTANO	12429589 Apr 24, 2009	20090208968 Aug 20, 2009	8063197 Nov 22, 2011		
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SAMPLE CARRIER HAVING RELEASABLE LOCKING MECHANISM Inventors: Robert C. Aviles, Mark A. Talmer, Gerard J. Sevigny, Matthew W. Webb, Gus G. Tseo	10439456 May 16, 2003	20030215364 Nov 20, 2003	7132082 Nov 7, 2006		
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METHOD FOR OBTAINING SAMPLE MATERIAL Inventors: Robert C. AVILES, Mark A. TALMER, Gerard J. Sevigny, Matthew W. WEBB, Gus G. TSEO	11554394 Oct 30, 2006	20070054413 Mar 8, 2007	7867777 Jan 11, 2011		
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Title	Application	Publication	Patent	International Registration Number	PCT
CLAMP FOR TUBULAR STRUCTURES AND THE LIKE Inventors: Mark Anthony Messina	29189109 Aug 29, 2003		D510017 Sep 27, 2005		
CLAMP Inventors: Mark Anthony Messina	10651209 Aug 29, 2003	20040049892 Mar 18, 2004	7017238 Mar 28, 2006		
CLAMP Inventors: Mark Anthony Messina	11320406 Dec 29, 2005	20060101622 May 18, 2006	7396344 Jul 8, 2008		
SAMPLE CARRIER HAVING SAMPLE TUBE BLOCKING MEMBER Inventors: Gerard J. Sevigny, Mark A. Talmer, Matthew W. Webb, Gus G. Tseo	10439457 May 16, 2003	20030215365 Nov 20, 2003	7276208 Oct 2, 2007		
SAMPLE CARRIER HAVING FINGER SPRINGS FOR HOLDING SAMPLE TUBES Inventors: Gerard J. SEVIGNY, Mark A. TALMER, Matthew W. WEBB, Gus G. TSEO	11865522 Oct 1, 2007	20080016969 Jan 24, 2008	7611675 Nov 3, 2009		

Title	Application	Publication	Patent	International Registration Number	PCT
AUTOMATED SAMPLING SYSTEM Inventors: Gerard J. SEVIGNY, Mark A. TALMER, Matthew W. WEBB, Gus G. TSEO	11870312 Oct 10, 2007	20080031776 Feb 7, 2008	7815858 Oct 19, 2010		
COMPOSITIONS AND METHODS FOR DETECTING WEST NILE VIRUS Inventors: Jeffrey M. Linnen	10688489 Oct 16, 2003	20040259108 Dec 23, 2004	7115374 Oct 3, 2006		
METHOD FOR DETECTING WEST NILE VIRUS NUCLEIC ACIDS IN THE 5' NON- CODING/CAPSID REGION Inventors: Jeffrey M. Linnen, Reinhold B. Pollner, Wen Wu, Geoffrey G. Dennis	11519359 Sep 11, 2006	20070009953 Jan 11, 2007	7732169 Jun 8, 2010		
METHOD FOR DETECTING WEST NILE VIRUS NUCLEIC ACIDS IN THE 3' NON- CODING REGION Inventors: Jeffrey M. Linnen, Reinhold B. Pollner	11932012 Oct 31, 2007	20080108055 May 8, 2008	7927840 Apr 19, 2011		

Title	Application	Publication	Patent	International Registration Number	PCT
ASSAY AND COMPOSITIONS FOR DETECTION OF BACILLUS ANTHRACIS NUCLEIC ACID Inventors: Sylvia A. Norman, Jennifer J. Bungo, James J. Hogan, William G. Weisburg	10712654 Nov 12, 2003	20080176221 Jul 24, 2008	7494774 Feb 24, 2009		
COMPOSITIONS AND METHODS FOR DETECTING TRICHOMONAS VAGINALIS IN A SAMPLE Inventors: William G. Weisburg, Jennifer J. Bungo	10848922 May 18, 2004	20040235138 Nov 25, 2004	7381811 Jun 3, 2008		
OLIGONUCLEOTIDES FOR AMPLIFYING TRICHOMONAS VAGINALIS-DERIVED NUCLEIC ACID Inventors: William G. WEISBURG, Jennifer J. BUNGO	12121368 May 15, 2008	20080234473 Sep 25, 2008	7632934 Dec 15, 2009		
CLAMP Inventors: Byron J. Knight, Mark R. Kennedy	29188918 Aug 25, 2003		D520352 May 9, 2006		

Title	Application	Publication	Patent	International Registration Number	PCT
CLAMP Inventors: Byron J. Knight, Mark R. Kennedy	29188931 Aug 25, 2003		D519024 Apr 18, 2006		
FILTER SNAPPER Inventors: Reza Bashar, Dale A. Camper	10951875 Sep 29, 2004	20050069973 Mar 31, 2005	7435576 Oct 14, 2008		
FILTER SNAPPER Inventors: Reza Bashar, Dale A. Camper	12126091 May 23, 2008	20080220467 Sep 11, 2008	7592155 Sep 22, 2009		
SINGLE-PRIMER NUCLEIC ACID AMPLIFICATION METHODS Inventors: Michael M. Becker, Wai-Chung Lam, Kristin W. Livezey, Steven T. Brentano, Daniel P. Kolk, Astrid R.W. Schroder	11213519 Aug 26, 2005	20060046265 Mar 2, 2006	7374885 May 20, 2008		

Title	Application	Publication	Patent	International Registration Number	PCT
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COMPOSITION KITS AND METHODS FOR PERFORMING AMPLIFICATION REACTIONS	11574307 Feb 26, 2007	20070299254 Dec 27, 2007	7696337 Apr 13, 2010		
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Inventors: Michael M.
Becker, Wai-Chung
Lam, Kristin W. Livezey,
Steven T. Brentano,
Daniel P. Kolk, Astrid
R.W. Schroder, Norman
C. Nelson, Gary P.
Schroth

METHODS AND KITS FOR AMPLIFYING DNA	11681104 Mar 1, 2007	20070202523 Aug 30, 2007	7713697 May 11, 2010		
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Inventors: Michael M.
BECKER, Wai-Chung
Lam, Kristin W. Livezey

METHOD FOR MAKING AVAILABLE A PRIMING OLIGONUCLEOTIDE	12389993 Feb 20, 2009	20090170168 Jul 2, 2009	7939260 May 10, 2011		
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Inventors: Michael M.
BECKER, Steven T.
BRENTANO, Kristin W.
LIVEZEY, Norman C.
Nelson, Gary P. Schroth

KITS FOR AMPLIFYING DNA	12716052 Mar 2, 2010	20100159561 Jun 24, 2010	8183359 May 22, 2012		
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Inventors: Michael M.
BECKER, Wai-Chung
LAM, Kristin W.
LIVEZEY

Title	Application	Publication	Patent	International Registration Number	PCT
METHOD AND KIT FOR IDENTIFYING ANTIBIOTIC-RESISTANT MICROORGANISMS	10843799 May 11, 2004	20040229268 Nov 18, 2004	7786289 Aug 31, 2010		
Inventors: James J. Hogan, Shannon K. Kaplan					
COMPOSITIONS, METHODS AND KITS FOR DETECTING THE NUCLEIC ACIDS OF HIV-1 AND HIV-2	11015605 Dec 16, 2004	20050153282 Jul 14, 2005	7255996 Aug 14, 2007		
Inventors: Jeffrey M. Linnen, Wen Wu					
CROSS-REACTIVE PRIMERS FOR AMPLIFYING THE NUCLEIC ACIDS OF HIV-1 AND HIV-2	11837954 Aug 13, 2007	20080020398 Jan 24, 2008	7666600 Feb 23, 2010		
Inventors: Jeffrey M. LINNEN, Wen WU					
METHODS AND COMPOSITIONS TO DETECT NUCLEIC ACIDS IN A BIOLOGICAL SAMPLE	11173915 Jun 29, 2005	20060068417 Mar 30, 2006	8034554 Oct 11, 2011		
Inventors: Michael M. Becker, Mehrdad R. Majlessi					

Title	Application	Publication	Patent	International Registration Number	PCT
ANTISENSE OLIGONUCLEOTIDES WITH INCREASED RNASE SENSITIVITY Inventors: Timothy A. Riley, Bob D. Brown, Lyle J. Arnold	10142566 May 8, 2002	20030119016 Jun 26, 2003	7790877 Sep 7, 2010		
OLIGONUCLEOTIDE PROBES AND PRIMERS COMPRISING UNIVERSAL BASES FOR DIAGNOSTIC PURPOSES Inventors: Bob D. Brown, Timothy A. Riley	10375504 Feb 25, 2003	20030170711 Sep 11, 2003	8153772 Apr 10, 2012		
PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES Inventors: Ursula Busse, Camille Chypre, Yves Fradet	09675650 Sep 29, 2000		7368545 May 6, 2008		
PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES Inventors: Ursula Busse, Camille Chypre, Yves Fradet	12098577 Apr 7, 2008	20080261228 Oct 23, 2008	7655408 Feb 2, 2010		

Title	Application	Publication	Patent	International Registration Number	PCT
DISTINGUISHING PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES Inventors: URSULA BUSSE, CAMILLE CHYPRE, YVES FRADET	12635917 Dec 11, 2009	20100129824 May 27, 2010	7927806 Apr 19, 2011		
COMPOSITIONS FOR DETECTING GROUP A STREPTOCOCCI Inventors: Reinhold B. POLLNER, Paul M. Darby	12253090 Oct 16, 2008	20090170104 Jul 2, 2009	8202978 Jun 19, 2012		
MONITORING OLIGONUCLEOTIDE BINDING PROCESSES USING CHEMILUMINESCENCE QUENCHING Inventors: Andrew James Rutter, Ian Weeks, Zhaoqiang Li, Keith Smith	10149146 Aug 12, 2002	20030082713 May 1, 2003	7169554 Jan 30, 2007		
ENZYME LINKED CHEMILUMINESCENT ASSAY Inventors: RICHARD CHARLES BROWN, IANS WEEKS	08979827 Nov 24, 1997		6159699 Dec 12, 2000		

Title	Application	Publication	Patent	International Registration Number	PCT
WATER IMMISCIBLE SOLVENT BASED BINDING SYSTEMS Inventors: RAYMOND LATHAN BALL, JEREMY PAUL ASTON, JENNIFER CRYER, IAN WEEKS	09147174 Oct 23, 1998		6344331 Feb 5, 2002		
KITS FOR DETECTING GROUP B STREPTOCOCCI Inventors: Reinhold B. POLLNER, Edgar J. Kamantigue	12391123 Feb 23, 2009	20090176241 Jul 9, 2009	8097409 Jan 17, 2012		
DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILLOMAVIRUSES Inventors: Sylvia A. Norman, Jennifer J. Bungo, William L. Hanna, Neeraj P. Rao	11296931 Dec 8, 2005	20060121516 Jun 8, 2006	7354719 Apr 8, 2008		
DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILLOMAVIRUSES Inventors: Sylvia A. Norman, Jennifer J. Bungo, William L. Hanna, Neeraj P. Rao	11926984 Oct 29, 2007	20080311559 Dec 18, 2008	7682792 Mar 23, 2010		

Title	Application	Publication	Patent	International Registration Number	PCT
DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILLOMAVIRUSES Inventors: Sylvia A. Norman, Jennifer J. Bungo, William L. Hanna, Neeraj P. Rao	12643934 Dec 21, 2009	20100105027 Apr 29, 2010	8026066 Sep 27, 2011		
SAMPLE PREPARATION METHOD INCORPORATING AN ALKALINE SHOCK Inventors: Kui Gao, Michael M. Becker, Wen Wu, Jeffrey M. Linnen	11356613 Feb 17, 2006	20060188912 Aug 24, 2006	7510837 Mar 31, 2009		
ALKALINE SHOCK- BASED PREPARATION OF NUCLEIC ACIDS Inventors: Kui GAO, Michael M. BECKER, Wen WU, Jeffrey M. LINNEN	12409818 Mar 24, 2009	20090191596 Jul 30, 2009	7803581 Sep 28, 2010		
LADAR TRANSMITTING AND RECEIVING SYSTEM AND METHOD Inventors: Barry Lee Stann, Mark M. Giza, William B. Lawler	12575506 Oct 8, 2009	20110085155 Apr 14, 2011	8081301 Dec 20, 2011		

Title	Application	Publication	Patent	International Registration Number	PCT
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SYSTEM FOR PERFORMING MULTI- FORMATTED ASSAYS	11372221 Mar 10, 2006	20070243600 Oct 18, 2007	8008066 Aug 30, 2011		
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Inventors: Gary D. Lair,
Thanh N. Nguyen, Haito
Li, Florence F. Li, Byron
J. Knight, Robert E.
Heinz, Jerzy A.
Macioszek, Christopher
B. Davis, Robert F.
Scalese

METHOD FOR CONTINUOUS MODE PROCESSING OF MULTIPLE REACTION RECEPTACLES IN A REAL-TIME AMPLIFICATION ASSAY	11372220 Mar 10, 2006	20060211130 Sep 21, 2006	7964413 Jun 21, 2011		
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Inventors: Jerzy A.
Macioszek, Christopher
B. Davis, Gary D. Lair,
Thanh N. Nguyen,
Haitao Li, Florence F. Li,
Byron J. Knight, Robert
E. Heinz, Robert F.
Scalese

Title	Application	Publication	Patent	International Registration Number	PCT
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SIGNAL MEASURING SYSTEM HAVING A MOVABLE SIGNAL MEASURING DEVICE	11372223 Mar 10, 2006	20060210433 Sep 21, 2006	7794659 Sep 14, 2010		
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Inventors: Gary D. Lair,
Thanh N. Nguyen, Haito
Li, Florence F. Li, Byron
J. Knight, Robert E.
Heinz, Robert F.
Scalese, Christopher
Brandon Davis, Jerzy A.
Macioszek

SIGNAL MEASURING SYSTEM FOR CONDUCTING REAL- TIME AMPLIFICATION ASSAYS	11372222 Mar 10, 2006	20070004028 Jan 4, 2007	7932081 Apr 26, 2011		
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Inventors: Gary D. Lair,
Thanh N. Nguyen, Haito
Li, Florence F. Li, Byron
J. Knight, Robert E.
Heinz, Jerzy A.
Macioszek, Christopher
B. Davis, Robert F.
Scalese

METHOD FOR REDUCING THE PRESENCE OF AMPLIFICATION INHIBITORS IN A REACTION RECEPTACLE	11372218 Mar 10, 2006	20060234263 Oct 19, 2006	7547516 Jun 16, 2009		
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Inventors: James P.
Light II

Title	Application	Publication	Patent	International Registration Number	PCT
METHOD FOR PERFORMING MULTI- FORMATTED ASSAYS	11372217 Mar 10, 2006	20060204997 Sep 14, 2006	7897337 Mar 1, 2011		
Inventors: Jerzy A. Macioszek, Christopher B. Davis, Gary D. Lair, Thanh N. Nguyen, Haitao Li, Florence F. Li, Byron J. Knight, Robert E. Heinz, Robert F. Scalese					
COMPOSITIONS AND ASSAYS TO DETECT INFLUENZA VIRUS A AND B NUCLEIC ACIDS	11418931 May 4, 2006	20060257860 Nov 16, 2006	8124335 Feb 28, 2012		
Inventors: Elizabeth M. Marlowe, Paul M. Darby, Damon K. Getman, Sylvia A. Norman, Reinhold B. Pollner					
METHODS OF NUCLEIC ACID TARGET CAPTURE	11429304 May 5, 2006	20060252085 Nov 9, 2006	7993853 Aug 9, 2011		
Inventors: Reinhold B. Pollner, Michael M. Becker, Mehrdad R. Majlessi					

Title	Application	Publication	Patent	International Registration Number	PCT
SAMPLE TUBE HOLDER Inventors: Byron J. KNIGHT, Mark A. TALMER, Arthur G. SANDOVAL, Robert A. HOWARD, Rommel M. HIPOLITO, Robert F. SCALESE	11379205 Apr 18, 2006	20060266719 Nov 30, 2006	7910067 Mar 22, 2011		
GRAVITY-ASSISTED MIXING METHODS Inventors: Scott S. Breidenthal, Richard S. Lee, Norman C. Nelson, Matthew J. Scott, Sara H. Fan, Jason A. Taylor	12333335 Dec 12, 2008	20090136913 May 28, 2009	8048375 Nov 1, 2011		
INSTRUMENTS AND METHODS FOR MIXING THE CONTENTS OF A DETECTION CHAMBER Inventors: Scott S. Breidenthal, Sara H. Fan, Richard S. Lee, Jason A. Taylor, Norman C. Nelson, Matthew J. Scott	12333482 Dec 12, 2008	20090134046 May 28, 2009	7780336 Aug 24, 2010		

Title	Application	Publication	Patent	International Registration Number	PCT
INSTRUMENTS AND METHODS FOR EXPOSING A RECEPTACLE TO MULTIPLE THERMAL ZONES	12333484 Dec 12, 2008	20090142745 Jun 4, 2009	7767447 Aug 3, 2010		
Inventors: Scott S. Breidenthal, Sara H. Fan, Richard S. Lee, Michael S. Poirier, Matthew J. Scott, Jason A. Taylor, Norman C. Nelson					
GRAVITY-ASSISTED MIXING METHODS	13078348 Apr 1, 2011	20110189661 Aug 4, 2011	8052929 Nov 8, 2011		
Inventors: Scott S. BREIDENTHAL, Sara H. FAN, Richard S. LEE, Jason A. TAYLOR, Norman C. NELSON, Matthew J. SCOTT					
COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF CHLAMYDOPHILA PNEUMONIAE IN A TEST SAMPLE	11448531 Jun 6, 2006	20070059735 Mar 15, 2007	7498137 Mar 3, 2009		
Inventors: Melissa M. Cunningham					

Title	Application	Publication	Patent	International Registration Number	PCT
COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF CHLAMYDOPHILA PNEUMONIAE IN A TEST SAMPLE Inventors: Melissa M. CUNNINGHAM	12364295 Feb 2, 2009	20090220981 Sep 3, 2009	7858347 Dec 28, 2010		
OLIGONUCLEOTIDES FOR AMPLIFYING CHLAMYDOPHILA PNEUMONIAE NUCLEIC ACID Inventors: Melissa M. CUNNINGHAM	12969858 Dec 16, 2010	20110091894 Apr 21, 2011	8188258 May 29, 2012		
COMPOSITIONS AND METHODS TO DETECT ENTEROCOCCI NUCLEIC ACID Inventors: Reinhold B. POLLNER, Kristin W. LIVEZEY	11747314 May 11, 2007	20070264658 Nov 15, 2007	7588897 Sep 15, 2009		
METHOD FOR OBTAINING AND INITIATING AMPLIFICATION OF A TARGET NUCLEIC ACID SEQUENCE Inventors: Vivian Jonas	12301602 Nov 19, 2008	20090203007 Aug 13, 2009	8058006 Nov 15, 2011		

Title	Application	Publication	Patent	International Registration Number	PCT
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METHOD AND ALGORITHM FOR QUANTIFYING POLYNUCLEOTIDES	11474698 Jun 22, 2006	20060292619 Dec 28, 2006	7739054 Jun 15, 2010		
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Inventors: James M.
Carrick, Jeffrey D.
Chismar, Michael J.
Gilly

REAL-TIME AMPLIFICATION AND MONITORING SYSTEM INCORPORATING VECTOR-BASED ALGORITHM FOR ANALYZING POLYNUCLEOTIDE- CONTAINING SAMPLES	12789101 May 27, 2010	20100311152 Dec 9, 2010	8145435 Mar 27, 2012		
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Inventors: James M.
CARRICK, Jeffrey D.
CHISMAR, Michael J.
GILLY

PARAMETRIC CALIBRATION METHOD	11599940 Nov 14, 2006	20070111246 May 17, 2007	7831417 Nov 9, 2010		
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Inventors: James M.
Carrick, Mark R.
Kennedy, Jeffrey D.
Chismar

DRIP SHIELD KNIGHT	11673903 Feb 12, 2007	20070189924 Aug 16, 2007	7763467 Jul 27, 2010		
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Inventors: Byron J.
KNIGHT

Title	Application	Publication	Patent	International Registration Number	PCT
TAGGED OLIGONUCLEOTIDES AND THEIR USE IN NUCLEIC ACID AMPLIFICATION METHODS Inventors: Michael M. Becker, Kristin W. Livezey, Wai-Chung Lam	11810834 Jun 6, 2007	20070281317 Dec 6, 2007	7833716 Nov 16, 2010		
TAGGED OLIGONUCLEOTIDES AND THEIR USE IN NUCLEIC ACID AMPLIFICATION METHODS Inventors: Michael M. BECKER, Kristin W. LIVEZEY, Wai-Chung LAM	12892323 Sep 28, 2010	20110014623 Jan 20, 2011	8034570 Oct 11, 2011		
METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION Inventors: Steven T. BRENTANO, Dmitry LYAKHOV, James D. CARLSON, Norman C. NELSON, Lyle J. Arnold JR.	11962072 Dec 20, 2007	20080305482 Dec 11, 2008	8198027 Jun 12, 2012		

Title	Application	Publication	Patent	International Registration Number	PCT
QUANTITATIVE METHOD EMPLOYING ADJUSTMENT OF PRE- DEFINED MASTER CALIBRATION CURVES Inventors: James M. CARRICK	11948946 Nov 30, 2007	20080133198 Jun 5, 2008	7930106 Apr 19, 2011		
COMPOSITIONS AND METHODS TO DETECT CANDIDA ALBICANS NUCLEIC ACID Inventors: James J. HOGAN, Irene Andruszkiewicz, Shannon K. Kaplan, Jennifer J. Bungo	12335356 Dec 15, 2008	20090170110 Jul 2, 2009	7595164 Sep 29, 2009		
COMPOSITIONS AND METHODS TO DETECT CANDIDA ALBICANS NUCLEIC ACID Inventors: James J. Hogan, Irene Andruszkiewicz, Jennifer J. Bungo, Shannon K. Kaplan	12539518 Aug 11, 2009	20090305293 Dec 10, 2009	7670780 Mar 2, 2010		
HUMAN PARAINFLUENZA VIRUS-1 ASSAY Inventors: KELLY J. HENRICKSON, JIANG FAN	08552907 Nov 3, 1995		5744299 Apr 28, 1998		

Title	Application	Publication	Patent	International Registration Number	PCT
NUCLEIC ACID SEQUENCE ANALYSIS Inventors: DANIEL HENRY DENSHAM	09463549 Jan 27, 2000		7008766 Mar 7, 2006		
DNA SEQUENCING METHOD Inventors: Daniel Henry Densham	10089877 Aug 8, 2002		6908736 Jun 21, 2005		
DNA SEQUENCING METHOD Inventors: Daniel Henry Densham	12710059 Feb 22, 2010		7939264 May 10, 2011		
METHOD FOR SEQUENCING NUCLEIC ACID MOLECULES Inventors: Daniel Densham	10565750 Feb 28, 2007	20080070236 Mar 20, 2008	7604963 Oct 20, 2009		
METHOD FOR SEQUENCING NUCLEIC ACID MOLECULES Inventors: Daniel Densham	12580596 Oct 16, 2009	20100279288 Nov 4, 2010	7888073 Feb 15, 2011		
METHOD FOR DETERMINING BIOPHYSICAL PROPERTIES Inventors: Daniel Henry Densham	11629245 Jun 1, 2007	20080064035 Mar 13, 2008	7608397 Oct 27, 2009		

Title	Application	Publication	Patent	International Registration Number	PCT
METHOD AND KIT FOR DETECTING HEPARIN INDUCED THROMBOCYTOPENIA Inventors: RICHARD H. ASTER, GIAN VISENTIN	08974331 Nov 19, 1997		5972717 Oct 26, 1999		
METHOD OF DETECTING HEPARIN- INDUCED THROMBOCYTOPENIA Inventors: MANOUCHEHR MOGHADDAM, GIAN PAOLO VISENTIN, RICHARD H. ASTER, BENJAMIN W. BOLDT	08803734 Feb 21, 1997		5972718 Oct 26, 1999		
METHOD AND KIT FOR DETECTING ANTIBODIES SPECIFIC FOR HLA AND/OR PLATELET GLYCOPROTEINS Inventors: MICHAEL MOGHADDAM	08254398 Jun 6, 1994		5514557 May 7, 1996		
A PROCESS FOR IDENTIFYING SPECIFIC ANTIBODIES ASSOCIATED WITH HLA Inventors: LEIGH ANN TIDEY, MICHAEL MANOUCHEHR MOGHADDAM	09122163 Jul 24, 1998		6046013 Apr 4, 2000		

Title	Application	Publication	Patent	International Registration Number	PCT
MANIPULATING NUCLEIC ACID SEQUENCES Inventors: STEPHEN MINTER	08256132 Aug 5, 1994		5910406 Jun 8, 1999		
A MEHTOD FOR PRODUCING COPIES OF A NUCLEIC ACID USING IMMOBILIZED OLIGONUCLEOTIDES Inventors: STEPHEN J. MINTER	08562075 Nov 22, 1995		5922574 Jul 13, 1999		
AMPLIFICATION OF NUCLEIC ACIDS Inventors: JOHN DOUGLAS OULTRAM, JACQUELINE CLARE COUTTS	09485506 May 15, 2000		6423495 Jul 23, 2002		
TEMPLATE CHAIN REACTION Inventors: John Douglas Outram	09806405 Mar 30, 2001		6403340 Jun 11, 2002		
ENZYMATICALLY CATALYSED SIGNAL AMPLIFICATION Inventors: Conor Mulrooney, John Douglas Oultram	09936382 Sep 10, 2001		7001726 Feb 21, 2006		

Title	Application	Publication	Patent	International Registration Number	PCT
ANALYTICAL DEVICE FOR DETERMINING THE PRESENCE OF AN ANALYTE IN A LIQUID SAMPLE ABOVE A PREDETERMINED VALUE Inventors: JOHN S. MIDGELY	08886322 Jul 1, 1997		5962339 Oct 5, 1999		
OLIGONUCLEOTIDES AND METHODS FOR INHIBITING PROPAGATION OF HUMAN IMMUNODEFICIENCY VIRUS Inventors: THOMAS B. RYDER, THEODORE J. KWOH	08277857 Jul 19, 1994		5733781 Mar 31, 1998		
AUTOMATED CYTOLOGICAL SAMPLE CLASSIFICATION Inventors: Trudee Klautky, Daniel Lapen	10676568 Sep 30, 2003	20050070020 Mar 31, 2005	7803624 Sep 28, 2010		
C-ARM APPARATUS WITH IMPROVED C-ARM LOCKING MECHANISM Inventors: EGON S. BABLER	09199952 Nov 24, 1998		6113265 Sep 5, 2000		

Title	Application	Publication	Patent	International Registration Number	PCT
METHOD AND APPARATUS FOR FAST DETECTION OF SPICULATED LESIONS IN DIGITAL MAMMOGRAMS Inventors: JIMMY R. ROEHRIG, HARLAN M. ROMSDAHL, WEI ZHANG	09103290 Jun 23, 1998		6263092 Jul 17, 2001		
METHOD AND APPARATUS FOR MANUALLY SEPARATING PARTICULATE MATTER FROM A LIQUID SPECIMAN Inventors: RAOUF A. GUIRGUIS	08963873 Nov 4, 1997		6423237 Jul 23, 2002		
BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS Inventors: Chris Ruth, Jay Stein, Loren Niklason, Andrew Smith	12605031 Oct 23, 2009	20100086188 Apr 8, 2010	8131049 Mar 6, 2012		
BIOPSY SITE MARKER Inventors: Brian S. Zimmer, Zachary R. Nicoson, Laresha V. Fluker	29369463 Sep 9, 2010		D641471 Jul 12, 2011		

Title	Application	Publication	Patent	International Registration Number	PCT
A METHOD FOR DETECTING THE PRESENCE OF GROUP-SPECIFIC VIRAL MRNA IN A SAMPLE Inventors: DAVID E. KOHNE	08459276 Jun 2, 1995		5955261 Sep 21, 1999		
NUCLEIC ACID SEQUENCE AMPLIFICATION METHOD, COMPOSITION AND KIT Inventors: DANIEL L. KACIAN, DIANE L. MC ALLISTER, SHERROL H. MC DONOUGH, NANIBHUSHAN DATTA GUPTA	08162836 Dec 2, 1993		5554516 Sep 10, 1996		
NUCLEIC ACID PROBES TO CHLAMYDIA PNEUMONIAE Inventors: PHILIP HAMMOND, ANTHONY ENDOZO	07936533 Aug 26, 1992		5374718 Dec 20, 1994		
MOLECULAR TORCHES Inventors: MICHAEL M. BECKER, GARY P. SCHROTH	09346551 Jul 1, 1999		6361945 Mar 26, 2002		

Showing properties 1001 to 1147

<http://assignment.uspto.gov/>

PATENT 5/29/2015
REEL: 035820 FRAME: 0512

RELEASE OF SECURITY INTEREST IN PATENT RIGHTS

This Release of Security Interest in Patent Rights (this “Release”) is made as of May 29, 2015, and granted by GOLDMAN SACHS BANK USA (the “Collateral Agent”), in its capacity as collateral agent pursuant to that certain Pledge and Security Agreement dated as of August 1, 2012 (as amended, restated, supplemented or otherwise modified from time to time, the “Pledge and Security Agreement”) by and among HOLOGIC, INC., a Delaware corporation (the “Borrower”), certain other subsidiaries of the Borrower (collectively, the “Grantor”) and the Collateral Agent. Capitalized terms used herein have the meanings attributed thereto in the Pledge and Security Agreement unless otherwise defined herein.

WHEREAS, pursuant to the Pledge and Security Agreement, a security interest (the “Security Interest”) was granted by the Grantor to the Collateral Agent in certain collateral, including the Patent Collateral (as defined in the Patent Security Agreement);

WHEREAS, pursuant to the terms and conditions of that certain Patent Security Agreement, dated as of August 1, 2012 (the “Patent Security Agreement”), between the Borrower, CYTYC CORPORATION, BIOLUCENT, LLC, CYTYC SURGICAL PRODUCTS, LIMITED PARTNERSHIP, DIRECT RADIOGRAPHY CORP., SUROS SURGICAL SYSTEMS, INC., THIRD WAVE TECHNOLOGIES, INC. and GEN-PROBE INCORPORATED and the Collateral Agent, which was recorded with the United States Patent and Trademark Office on August 1, 2012 on Reel 028810 Frame 0745, as supplemented from time to time including, without limitation, by that certain supplement which was recorded with the United States Patent and Trademark Office on April 25, 2014 on Reel 032753 Frame 0942, the Grantor pledged 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 Patent Collateral; and

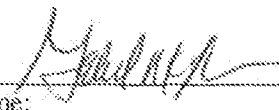
WHEREAS, the Collateral Agent now desires to terminate and release the entirety of its Security Interest in and lien on the Patent Collateral.

NOW, THEREFORE, for good and valuable consideration including the satisfaction of all obligations, indebtedness and liabilities secured by the Patent Collateral pursuant to the Pledge and Security Agreement, the receipt and adequacy of which are hereby acknowledged, and upon the terms set forth in this Release, the Collateral Agent hereby states as follows:

1. **Definitions**. The term “Patent Collateral” shall have the meaning provided by reference in the Patent Security Agreement, and shall include, without limitation, all of the Grantor’s right, title and interest of every kind and nature as of the date hereof in the Patents listed on Schedule I hereto.
2. **Release of Security Interest**. The Collateral Agent hereby terminates the Patent Security Agreement and hereby terminates, cancels, discharges and releases its Security Interest in and any lien upon the Patent Collateral, in each case without warranty or recourse. If and to the extent the Collateral Agent has acquired any right, title or interest in, to or under any of the Patents, then the Collateral Agent hereby assigns, transfers, conveys and delivers such right, title or interest to the Grantor.
3. **Further Assurances**. The Collateral Agent shall take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor to more fully and effectively effectuate the purposes of this Release, in each case at the Grantor’s sole expense.
4. **Governing Law**. This Release shall be construed in accordance with and governed by the law of the State of New York.

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed and delivered by its duly authorized officer as of the date first set forth above.

GOLDMAN SACHS BANK USA, as
Collateral Agent

By: 
Name: _____
Title:

Gabriel Jacobson
Authorized Signatory

[Signature page to Release of Security Interest in Patent Rights]

SCHEDULE I
to
RELEASE OF SECURITY INTEREST IN PATENT RIGHTS

U.S. PATENTS

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
D517700	21-Mar-06	Hologic, Inc.	STAND FOR SPECIMEN COLLECTION CONTAINER
D625005	5-Oct-10	Hologic, Inc.	BIOPSY SITE MARKER
D641471	12-Jul-11	Hologic, Inc.	BIOPSY SITE MARKER
D643118	9-Aug-11	Hologic, Inc.	BIOPSY SITE MARKER
D519024	18-Apr-06	GPI	CLAMP
RE39007	07-Mar-06	GPI	ISOTHERMAL STRAND DISPLACEMENT NUCLEIC ACID AMPLIFICATION
RE38960	31-Jan-06	GPI	ISOTHERMAL STRAND DISPLACEMENT NUCLEIC ACID AMPLIFICATION
D510017	27-Sep-05	GPI	CLAMP FOR TUBULAR STRUCTURES AND THE LIKE
D601247	29-Sep-09	Suros Surgical Systems	TISSUE COLLECTION TRAY
D457247	14-May-02	GPI	CAP
D474279	6-May-03	Hologic, Inc.	SPECIMEN PROCESSING INSTRUMENT
D520352	9-May-06	GPI	CLAMP
5563421	8-Oct-96	Direct Radiography Corp.	APPARATUS AND METHOD FOR ELIMINATING RESIDUAL CHARGES IN AN IMAGE CAPTURE PANEL
5627869	6-May-97	Hologic, Inc.	MAMMOGRAPHY APPARATUS WITH PROPORTIONAL COLLIMATION
5648660	15-Jul-97	Direct Radiography Corp.	METHOD AND APPARATUS FOR REDUCING NOISE IN A RADIATION CAPTURE DEVICE
5652126	29-Jul-97	GPI	USE OF RESTRICTION ENDONUCLEASE SEQUENCES FOR CLEAVING PHOSPHOROTHIOATE OLIGONUCLEOTIDES
5652430	29-Jul-97	Direct Radiography Corp.	DIRECT RADIOGRAPHIC IMAGING PANEL

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5683870	4-Nov-97	GPI	NUCLEIC ACID PROBES TO CHLAMYDIA PNEUMONIAE
5690892	25-Nov-97	Hologic, Inc.	CASSETTE FOR USE WITH AUTOMATED SPECIMEN HANDLING SYSTEM
5705365	6-Jan-98	GPI	KITS FOR DETERMINING PRE-AMPLIFICATION LEVELS OF A NUCLEIC ACID TARGET SEQUENCE FROM POST-AMPLIFICATION LEVELS OF PRODUCT
5706327	6-Jan-98	Hologic, Inc.	METHOD AND APPARATUS FOR MAMMOGRAPHIC COMPRESSION
5710029	20-Jan-98	GPI	METHODS FOR DETERMINING PRE-AMPLIFICATION LEVELS OF A NUCLEIC ACID TARGET SEQUENCE FROM POST-AMPLIFICATION LEVELS OF PRODUCT
5715820	10-Feb-98	Hologic, Inc.	X-RAY BONE DENSITOMETRY USING MULTIPLE PASS SCANNING
5729585	17-Mar-98	Hologic, Inc.	AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE
5731148	24-Mar-98	GPI	ADDUCT PROTECTION ASSAY
5747252	5-May-98	GPI	NUCLEIC ACID PROBES AND AMPLIFICATION OLIGONUCLEOTIDES FOR NEISSERIA SPECIES
5769880	23-Jun-98	Cytec Corporation	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION
5778045	7-Jul-98	Hologic, Inc.	SINGLE/DUAL-ENERGY X-RAY DENSITOMETRY SCANNING INCLUDING OPERATOR SELECTED SCANNING SEQUENCES
5780219	14-Jul-98	GPI	NUCLEIC ACID AMPLIFICATION OLIGONUCLEOTIDES AND PROBES TO HUMAN HEPATITIS B VIRUS
5782849	21-Jul-98	Suros Surgical Systems	SURGICAL CUTTING INSTRUMENT
5786183	28-Jul-98	GPI	METHODS OF ENHANCING NUCLEIC ACID AMPLIFICATION

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5786227	28-Jul-98	Cytec Corporation	FLUID COLLECTION KIT AND METHOD
5786228	28-Jul-98	Cytec Corporation	FLUID COLLECTION KIT AND METHOD
5795763	18-Aug-98	Third Wave Technologies	SYNTHESIS-DEFICIENT THERMOSTABLE DNA POLYMERASE
5804832	8-Sep-98	Direct Radiography Corp.	DIGITAL ARRAY FOR RADIOGRAPHIC IMAGING
5814235	29-Sep-98	Hologic, Inc.	AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE AND USE
5815591	29-Sep-98	Hologic, Inc.	METHOD AND APPARATUS FOR FAST DETECTION OF SPICULATED LESIONS IN DIGITAL MAMMOGRAMS
5827651	27-Oct-98	GPI	NUCLEIC ACID PROBES AND METHODS FOR DETECTING FUNGI
5833794	10-Nov-98	Hologic, Inc.	AUTOMATED SLIDE MARKER USING A DRY PRESSURE SENSITIVE MARKING MEDIUM
5834254	10-Nov-98	GPI	STABILIZED ENZYME COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION
5837450	17-Nov-98	Third Wave Technologies	DETECTION OF TARGET NUCLEIC ACID MOLECULES USING THERMOSTABLE 5' NUCLEASE
5840488	24-Nov-98	GPI	NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS
5843654	1-Dec-98	Third Wave Technologies	RAPID DETECTION OF MUTATIONS IN THE P53 GENE
5843669	1-Dec-98	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACID USING THERMOSTABLE METHOANOCOCCUS JANNASCHII FEN-1 ENDONUCLEASES
5846717	8-Dec-98	Third Wave Technologies	DETECTION OF NUCLEIC ACID SEQUENCES BY INVADER-DIRECTED CLEAVAGE
5856088	5-Jan-99	GPI	DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
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5879885	9-Mar-99	GPI	COMPOSITIONS FOR DETECTING & QUANTIFYING BIOLOGICAL SAMPLES
5891033	6-Apr-99	Hologic, Inc.	SYSTEM FOR RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY
5895936	20-Apr-99	Direct Radiography Corp.	IMAGE CAPTURE DEVICE USING A SECONDARY ELECTRODE
5906917	25-May-99	GPI	NUCLEIC ACID PROBES TO MYCOBACTERIUM TUBERCULOSIS
5908744	1-Jun-99	GPI	DETECTING MYCOBACTERIUM TUBERCULOSIS BY NUCLEIC ACID SEQUENCE AMPLIFICATION
5910406	8-Jun-99	In process of Assigning from Tepnel Medical LTD to	MANIPULATING NUCLEIC ACID SEQUENCES
		Hologic LTD.	
5911701	15-Jun-99	Suros Surgical Systems	SURGICAL CUTTING INSTRUMENT
5913813	22-Jun-99	Cytoc Corporation	DOUBLE-WALL BALLOON CATHETER FOR TREATMENT OF PROLIFERATIVE TISSUE
5922574	13-Jul-99	In process of Assigning from Tepnel Medical LTD to	A METHOD FOR PRODUCING COPIES OF A NUCLEIC ACID USING IMMOBILIZED OLIGONUCLEOTIDES
		Hologic LTD.	
5928864	27-Jul-99	GPI	METHOD FOR DETERMINING THE PRESENCE OF ORGANISMS IN A SAMPLE BY DETECTING TRANSFER NUCLEIC ACID
5930327	27-Jul-99	Hologic, Inc.	X-RAY IMAGE PROCESSING
5930732	27-Jul-99	Hologic, Inc.	SYSTEM FOR SIMPLIFYING THE IMPLEMENTATION OF SPECIFIED FUNCTIONS
5932416	3-Aug-99	GPI	METHOD FOR DETECTING THE PRESENCE OF RNA BELONGING TO AN ORGAN OR TISSUE CELL-TYPE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5935073	10-Aug-99	Hologic, Inc.	EQUIPMENT AND METHOD FOR CALIBRATION AND QUALITY ASSURANCE OF AN ULTRASONIC BONE ANALYSIS APPARATUS
5942700	24-Aug-99	Cytec Corporation	SYSTEMS AND METHODS FOR COLLECTING FLUID SAMPLES HAVING SELECT CONCENTRATIONS OF PARTICLES
5948899	7-Sep-99	GPI	COMPOSITIONS FOR HOMOGENEOUS PROTECTION ASSAY
5949846	7-Sep-99	Hologic, Inc.	BONE DENSITOMETRY USING X-RAY IMAGING SYSTEMS
5954715	21-Sep-99	Cytec Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION
5955261	21-Sep-99	GPI	METHOD FOR DETECTING THE PRESENCE OF GROUP-SPECIFIC VIRAL mRNA IN A SAMPLE
5958679	28-Sep-99	GPI	NUCLEIC ACID PROBES AND METHODS FOR DETECTING ENTEROBACTER CLOACAE
5962339	5-Oct-99	In process of Assigning from Tepnel Medical LTD to	ANALYTICAL DEVICE FOR DETERMINING THE PRESENCE OF AN ANALYTE IN A LIQUID SAMPLE ABOVE A PREDETERMINED VALUE
		Hologic LTD.	
5963368	5-Oct-99	Hologic, Inc.	SPECIMEN MANAGEMENT SYSTEM
5969122	19-Oct-99	GPI	NUCLEIC ACID HYBRIDIZATION ASSAY PROBES HELPER PROBES AND AMPLIFICATION OLIGONUCLEOTIDES TARGETED TO MYCOPLASMA PNEUMONIAE NUCLEIC ACID
5969360	19-Oct-99	Direct Radiography Corp.	READOUT SEQUENCE FOR RESIDUAL IMAGE ELIMINATION IN A RADIATION DETECTION PANEL

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5981293	9-Nov-99	Cytec Corporation	FLUID COLLECTION KIT AND METHOD
5985557	16-Nov-99	Third Wave Technologies	INVASIVE CLEAVAGE OF NUCLEIC ACIDS
5994059	30-Nov-99	GPI	NUCLEIC ACID PROBES AND METHODS FOR DETECTING STREPTOCOCCUS ENTEROCOCCI
5994069	30-Nov-99	Third Wave Technologies	DETECTION OF NUCLEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE CLEAVAGES
6001567	14-Dec-99	Third Wave Technologies	DETECTION OF NUCLEIC ACID SEQUENCES BY INVADER-DIRECTED CLEAVAGE
6009147	28-Dec-99	Hologic, Inc.	X-RAY BONE DENSITOMETRY
6010909	4-Jan-00	Cytec Corporation	METHOD AND APPARATUS FOR CONTROLLED INSTRUMENTATION OF PARTICLES WITH A FILTER DEVICE
6025133	15-Feb-00	GPI	PROMOTER-SEQUESTERED OLIGONUCLEOSIDE AND METHOD OF USE
6025599	15-Feb-00	Direct Radiography Corp.	IMAGE CAPTURE ELEMENT
6028187	22-Feb-00	GPI	NUCLEIC ACID PROBES TO LISTERIA MONOCYTOGENES
6029078	22-Feb-00	Hologic, Inc.	SYSTEM FOR ASSESSING BONE CHARACTERISTICS
6047042	4-Apr-00	Hologic, Inc.	AUTOMATIC EXPOSURE AND BRIGHTNESS CONTROL FOR FLUOROSCOPIC AND RADIOGRAPHIC IMAGING
6059561	9-May-00	GPI	COMPOSITIONS AND METHODS FOR DETECTING AND QUANTIFYING BIOLOGICAL SAMPLES
6060683	9-May-00	Direct Radiography Corp.	SELECTIVE LASER REMOVAL OF DIELECTRIC COATING
6075248	13-Jun-00	Direct Radiography Corp.	DIRECT RADIOGRAPHIC IMAGING PANEL WITH SHIELDING ELECTRODE
6075840	13-Jun-00	Hologic, Inc.	AIR CROSS GRIDS FOR RADIATION IMAGING

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6086827	11-Jul-00	GPI	REACTION RECEPTACLE APPARATUS
6090543	18-Jul-00	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACIDS
6090606	18-Jul-00	Third Wave Technologies	CLEAVAGE AGENTS
6091483	18-Jul-00	Hologic, Inc.	METHOD AND APPARATUS FOR PREPARING SUBSTANCES FOR OPTICAL ANALYSIS
6091842	18-Jul-00	Hologic, Inc.	CYTOLOGICAL SPECIMEN ANALYSIS SYSTEM WITH PRESCREENING AND GENERATION OF VIEWING PATH INFORMATION
6093538	25-Jul-00	GPI	NUCLEIC ACID PROBES TO UREA PLASMA
6100027	8-Aug-00	GPI	NUCLEIC ACID PROBES AND AMPLIFICATION OLIGONUCLEOTIDES FOR NEISSERIA SPECIES
6100078	8-Aug-00	GPI	PURIFIED DNA POLYMERASE FROM BACILLUS STEAROTHERMOPHILUS
6102567	15-Aug-00	Hologic, Inc.	X-RAY BONE DENSITOMETRY USING A VERTICALLY SCANNING GANTRY
6110677	29-Aug-00	Third Wave Technologies	OLIGONUCLEOTIDE MODIFICATION SIGNAL AMPLIFICATION AND NUCLEIC ACID DETECTION BY TARGET-CATALYZED PRODUCT FORMATION
6110678	29-Aug-00	GPI	TWO-STEP HYBRIDIZATION AND CAPTURE OF A POLYNUCLEOTIDE
6113265	5-Sep-00	Hologic, Inc.	C-ARM APPARATUS WITH IMPROVED C-ARM LOCKING MECHANISM
6118581	12-Sep-00	Hologic, Inc.	MULTIFUNCTION CONTROL UNIT FOR A MICROSCOPE
6118846	12-Sep-00	Direct Radiography Corp.	BAD PIXEL COLUMN PROCESSING IN A RADIATION DETECTION PANEL

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6118892	12-Sep-00	Direct Radiography Corp.	METHOD FOR AUTOMATIC DETECTION OF REGION OF INTEREST FOR DIGITAL X-RAY DETECTORS USING A FILTERED HISTOGRAM
6120518	19-Sep-00	Suros Surgical Systems	NON-REFLECTIVE SURFACES FOR SURGICAL PROCEDURES
6121001	19-Sep-00	Third Wave Technologies	DETECTION OF NUCLEIC ACIDS BY TARGET-CATALYZED PRODUCT FORMATION
6130038	10-Oct-00	GPI	METHODS FOR DETECTING AND AMPLIFYING NUCLEIC ACID SEQUENCES USING MODIFIED OLIGONUCLEOTIDES HAVING INCREASED TARGET SPECIFIC (2'0 METHOXY)
6135964	24-Oct-00	Hologic, Inc.	ULTRASONIC BONE TESTING APPARATUS WITH REPEATABLE POSITIONING AND REPEATABLE COUPLING
6148096	14-Nov-00	Hologic, Inc.	SPECIMEN PREVIEW AND INSPECTION SYSTEM
6150517	21-Nov-00	GPI	NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NON-VIRAL ORGANISMS
6151161	21-Nov-00	Hologic, Inc.	HIGH PRECISION COMPUTER-AIDED MICROSCOPE
6159699	12-Dec-00	GPI	ENZYME LINKED CHEMILUMINESCENT ASSAY
6174665	16-Jan-01	Cytec Corporation	HORMONE REPLACEMENT THERAPY MONITORING
6180340	30-Jan-01	GPI	EXTENDED DYNAMIC RANGE ASSAYS
6194149	27-Feb-01	Third Wave Technologies	TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
6198838	6-Mar-01	Hologic, Inc.	METHOD AND SYSTEM FOR DETECTION OF SUSPICIOUS LESIONS IN DIGITAL MAMMOGRAMS USING A COMBINATION OF SPICULATION AND DENSITY SIGNALS

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6200257	13-Mar-01	Cytec Corporation	CATHETER WITH PERMEABLE HYDROGEL MEMBRANE
6210880	3-Apr-01	Third Wave Technologies	POLYMORPHISM ANALYSIS BY NUCLEIC ACID STRUCTURE PROBING WITH STRUCTURE-BRIDGING OLIGONUCLEOTIDES
6214545	10-Apr-01	Third Wave Technologies	POLYMORPHISM ANALYSIS BY NUCLEIC ACID STRUCTURE PROBING
6218107	17-Apr-01	GPI	COMPOSITIONS AND METHODS FOR THE DETECTING THE PRESENCE OF MYCOBACTERIUM KANSASII
6230036	8-May-01	Hologic, Inc.	SYSTEM FOR RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY
6233473	15-May-01	Hologic, Inc.	DETERMINING BODY COMPOSITION USING FAN BEAM DUAL-ENERGY C-RAY ABSORPTIOMETRY
6234672	22-May-01	Hologic, Inc.	MINIATURE C-ARM APPARATUS WITH C-ARM MOUNTED CONTROLS
6235484	22-May-01	GPI	POLYNUCLEOTICE PROBES FOR DETECTION AND QUANTITATION OF ACTINOMYCETES
6236712	22-May-01	Hologic, Inc.	MINIATURE C-ARM APPARATUS WITH MULTIPLE X-RAY INDICATORS
6238374	29-May-01	Cytec Corporation	HAZARDOUS FLUID INFUSER
6245084	12-Jun-01	Suros Surgical Systems	SYSTEM FOR CONTROLLING A MOTOR DRIVEN SURGICAL CUTTING INSTRUMENT
6245519	12-Jun-01	GPI	PROTECTION PROBES
6252059	26-Jun-01	GPI	DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE 1
6254826	3-Jul-01	GPI	ASSAY WORK STATION
6256374	3-Jul-01	Hologic, Inc.	MINIATURE C-ARM APPARATUS WITH DUAL VIDEO DISPLAY MONITOR AND SINGLE DRIVER INTERFACE THEREFORE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6258104	10-Jul-01	Hologic, Inc.	METHOD AND APPARATUS FOR REMOVING TISSUE FROM A REGION OF INTEREST
6263092	17-Jul-01	Hologic, Inc.	METHOD AND APPARATUS FOR FAST DETECTION OF SPICULATED LESIONS IN DIGITAL MAMMOGRAMS
6267722	31-Jul-01	Cytoc Corporation	POINT OF CARE DIAGNOSTIC SYSTEMS
6280952	28-Aug-01	GPI	TWO-STEP HYBRIDIZATION AND CAPTURE OF A POLYNUCLEOTIDE
6282258	28-Aug-01	Hologic, Inc.	METHOD OF ASSESSING BONE CHARACTERISTICS USING DIGITAL 2-DIMENSIONAL X-RAY DETECTOR
6294338	25-Sep-01	GPI	POLYNUCLEOTIDE AMPLIFICATION METHOD
6297365	2-Oct-01	GPI	DECOY PROBES
6301378	9-Oct-01	Hologic, Inc.	METHOD AND APPARATUS FOR AUTOMATED DETECTION OF MASSES IN DIGITAL MAMMOGRAMS
6309362	30-Oct-01	Hologic, Inc.	METHOD AND APPARATUS FOR AUTOMATICALLY SEPARATING PARTICULATE MATTER FROM A FLUID
6318190	20-Nov-01	Cytoc Corporation	SYSTEMS FOR COLLECTING FLUID SAMPLES HAVING SELECT CONCENTRATIONS OF PARTICLES
6326486	4-Dec-01	GPI	POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF BACTERIA IN THE FAMILY ENTEROBACTERIACEAE
6327336	4-Dec-01	Direct Radiography Corp.	RADIOGRAM SHOWING LOCATION OF AUTOMATIC EXPOSURE CONTROL SENSOR
6335166	1-Jan-02	GPI	AUTOMATED PROCESS FOR ISOLATING AND AMPLIFYING A TARGET NUCLEIC ACID SEQUENCE
6344331	5-Feb-02	GPI	WATER IMMISCIBLE SOLVENT BASED BINDING SYSTEM
6346102	12-Feb-02	Cytoc Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6348314	19-Feb-02	Third Wave Technologies	INVASIVE CLEAVAGE OF NUCLEIC ACIDS
6348325	19-Feb-02	Cytc Corporation	CYTOLOGICAL STAIN COMPOSITION
6350579	26-Feb-02	GPI	EXTENDED DYNAMIC RANGE ASSAYS
6350580	26-Feb-02	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID USING A PROBE COMPRISING SECONDARY STRUCTURE
6355437	12-Mar-02	Third Wave Technologies	TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
6358263	19-Mar-02	Suros Surgical Systems	SYSTEM FOR CONTROLLING A MOTOR DRIVEN SURGICAL CUTTING INSTRUMENT
6358691	19-Mar-02	Third Wave Technologies	TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
6361945	26-Mar-02	GPI	MOLECULAR TORCHES
6372424	16-Apr-02	Third Wave Technologies	RAPID DETECTION AND IDENTIFICATION OF PATHOGENS
6376186	23-Apr-02	GPI	POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF STAPHYLOCOCCUS
6385283	7-May-02	Hologic, Inc.	DEVICE AND METHOD FOR DETERMINING FUTURE FRACTURE RISK
6394952	28-May-02	Cytc Corporation	POINT OF CARE DIAGNOSTIC SYSTEMS
6403340	11-Jun-02	In process of Assigning from Tepnel Medical LTD to	CIRCULAR-TEMPLATE CHAIN REACTION
		Hologic LTD.	
6404908	11-Jun-02	Hologic, Inc.	METHOD AND SYSTEM FOR FAST DETECTION OF LINES IN MEDICAL IMAGES
6413204	2-Jul-02	Cytc Corporation	INTERSTITIAL BRACHYTHERAPY APPARATUS AND METHOD FOR THE TREATMENT OF PROLIFERATIVE TISSUE DISEASES

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6423495	23-Jul-02	In process of Assigning from Tepnel Medical LTD to Hologic LTD.	AMPLIFICATION OF NUCLEIC ACIDS
6430309	6-Aug-02	Hologic, Inc.	SPECIMEN PREVIEW AND INSPECTION SYSTEM
6458535	1-Oct-02	Third Wave Technologies	DETECTION OF NUCLEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE CLEAVAGES 02
6459925	1-Oct-02	Hologic, Inc.	USER INTERFACE SYSTEM FOR MAMMOGRAPHIC IMAGER
6482142	19-Nov-02	Cytec Corporation	ASYMMETRIC RADIATION DOSING APPARATUS AND METHOD
6494892	17-Dec-02	Suros Surgical Systems	DISPOSABLE HUB FOR A SURGICAL CUTTING INSTRUMENT
6495327	17-Dec-02	GPI	POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF CANDIDA ALBICANS AND CANDIDA DUBLINIENSIS
6496557	17-Dec-02	Hologic, Inc.	TWO-DIMENSIONAL SLOT X-RAY NONE DENSITOMETRY RADIOGRAPHY AND TOMOGRAPHY
6508815	21-Jan-03	Cytec Corporation	RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE
6517782	11-Feb-03	GPI	REACTION RECEPTACLE APPARATUS
6517783	11-Feb-03	GPI	REACTION RECEPTACLE APPARATUS
6528254	4-Mar-03	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE
6534273	18-Mar-03	GPI	TWO-STEP HYBRIDIZATION AND CAPTURE OF A POLYNUCLEOTIDE
6534274	18-Mar-03	GPI	MOLECULAR TORCHES
6537194	25-Mar-03	Cytec Corporation	CATHETER WITH PERMEABLE HYDROGEL MEMBRANE
6541201	1-Apr-03	GPI	HYBRIDIZATION ASSAY PROBES AND METHODS FOR DETECTING THE PRESENCE OF NEISSERIA MENINGITIDIS SUBTYPES A C AND L IN A SAMPLE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6548250	15-Apr-03	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE
6551778	22-Apr-03	GPI	NUCLEIC ACID SEQUENCES FOR DETECTING PROSTATE SPECIFIC ANTIGEN (PSA) NUCLEIC ACID IN A BIOLOGICAL SAMPLE
6554780	29-Apr-03	Cytec Corporation	SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY
6555357	29-Apr-03	Third Wave Technologies	FEN-1 ENDONUCLEASE MIXTURES AND CLEAVAGE METHODS
6556977	29-Apr-03	Cytec Corporation	METHOD FOR SELECTING MEDICAL & BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS
6562299	13-May-03	Cytec Corporation	METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS
6562611	13-May-03	Third Wave Technologies	FEN-1 ENDONUCLEASES MIXTURES AND CLEAVAGE METHODS
6572824	3-Jun-03	Cytec Corporation	METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS
6577702	10-Jun-03	Biolument Inc.	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES
6580818	17-Jun-03	Hologic, Inc.	METHOD AND APPARATUS FOR AUTOMATED DETECTION OF MASSES IN DIGITAL IMAGES
6582920	24-Jun-03	Co-Owned by Gen-Probe Incorporated and BioMerieux S.A.	AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS
6589158	8-Jul-03	Cytec Corporation	RADIATION SHIELD FOR A SYRINGE
6589743	8-Jul-03	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID USING A PROBE COMPRISING SECONDARY STRUCTURE
6593102	15-Jul-03	Cytec Corporation	CYTOLOGICAL STAIN COMPOSITION

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6604054	5-Aug-03	GPI	VOLUME DISPENSE VERIFICATION APPARATUS AND METHOD
6605213	12-Aug-03	GPI	METHOD AND APPARATUS FOR PERFORMING A MAGNETIC SEPARATION PURIFICATION PROCEDURE ON A SAMPLE SOLUTION
6607477	19-Aug-03	Cytec Corporation	GRADUATED INTRALUMINAL CATHETER AND METHODS OF USE THEREOF
6610475	26-Aug-03	GPI	KITS FOR PROCESSING BIOLOGICAL SPECIMENS FOR NUCLEIC ACID HYBRIDIZATION ASSAYS TARGET AMPLIFICATION REACTIONS AND SIMILAR USES
6614873	2-Sep-03	Direct Radiography Corp.	INTERACTIVE DIGITAL RADIOGRAPHIC SYSTEM
6623920	23-Sep-03	GPI	DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
6634244	21-Oct-03	Cytec Corporation	METHODS FOR COLLECTING FLUID SAMPLES HAVING SELECT CONCENTRATIONS OF PARTICLES
6635463	21-Oct-03	Third Wave Technologies	ENZYMES FOR THE DETECTION OF NUCLEIC ACID SEQUENCES
6638235	28-Oct-03	Suros Surgical Systems	BIOPSY APPARATUS
6649749	18-Nov-03	GPI	DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE 1
6658946	9-Dec-03	GPI	METHOD OF DETECTING FLUID FLOW THROUGH A CONDUIT
6660472	9-Dec-03	Co-Owned by Gen-Probe Incorporated and BioMerieux S.A.	LYSIS METHOD FOR MICRO-ORGANISMS
6661501	9-Dec-03	Cytec Corporation	CYTOLOGICAL STAIN COMPOSITION INCLUDING VERIFICATION CHARACTERISTIC
6663353	16-Dec-03	GPI	FLUID DISPENSE AND FLUID SURFACE VERIFICATION SYSTEM AND METHOD

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6664081	16-Dec-03	GPI	NUCLEIC ACID AMPLIFICATION AND DETECTION OF MYCOBACTERIUM SPECIES
6665060	16-Dec-03	Cytec Corporation	CYTOLOGICAL IMAGING SYSTEM AND METHOD
6673006	6-Jan-04	Cytec Corporation	TISSUE POSITIONING APPARATUS AND METHOD FOR PROTECTING TISSUE FROM RADIOTHERAPY
6678669	13-Jan-04	Cytec Corporation	METHOD FOR SELECTING MEDICAL & BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS
6692917	17-Feb-04	Third Wave Technologies	SYSTEMS AND METHODS FOR INVASIVE CLEAVAGE REACTION ON DENDRIMERS
6695760	24-Feb-04	Cytec Corporation	TREATMENT OF SPINAL METASTASES
6702134	9-Mar-04	GPI	CLOSURE SYSTEM
6706471	16-Mar-04	Third Wave Technologies	DETECTION OF NUCLEIC ACID SEQUENCES BY INVADER-DIRECTED CLEAVAGE
6709819	23-Mar-04	Third Wave Technologies	POLYMORPHISM ANALYSIS BY NUCLEIC ACID STRUCTURE PROBING WITH STRUCTURE-BRIDGING OLIGONUCLEOTIDES
6712810	30-Mar-04	Cytec Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION
6716396	6-Apr-04	GPI	PENETRABLE CAP
6723289	20-Apr-04	GPI	FLUID TRANSFER DEVICE
6726682	27-Apr-04	Cytec Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION
6736822	18-May-04	Hologic, Inc.	DEVICE AND METHOD FOR INTERNAL LIGATION OF TUBULAR STRUCTURES
6743184	1-Jun-04	Cytec Corporation	SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY
6747141	8-Jun-04	GPI	METHODS AND COMPOSITIONS FOR DETECTION OF MYCOBACTERIUM AVIUM COMPLEX SPECIES

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6749555	15-Jun-04	Cytc Corporation	SYSTEM AND METHOD FOR THE TREATMENT OF SPINAL METASTASES
6758824	6-Jul-04	Suros Surgical Systems	BIOPSY APPARATUS
6759226	6-Jul-04	Third Wave Technologies	ENZYMES FOR THE DETECTION OF SPECIFIC NUCLEIC ACID SEQUENCES
6764649	20-Jul-04	GPI	TRANSPORT MECHANISM
6765984	20-Jul-04	Biolucent Inc.	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES
6773882	10-Aug-04	GPI	POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF CANDIDA SPECIES
6780182	24-Aug-04	Cytc Corporation	CATHETER PLACEMENT DETECTION SYSTEM AND OPERATOR INTERFACE
6780585	24-Aug-04	Third Wave Technologies	POLYMORPHISM ANALYSIS BY NUCLEIC AND ACID STRUCTURE PROBING
6780982	24-Aug-04	Third Wave Technologies	CHARGE TAGS AND THE SEPARATION OF NUCLEIC ACID MOLECULES
6791091	14-Sep-04	Hologic, Inc.	WIDE DYNAMIC RANGE DIGITAL IMAGING SYSTEM AND METHOD
6806094	19-Oct-04	GPI	METHOD FOR REMOVING A FLUID SUBSTANCE FROM A COLLECTION DEVICE
6811985	2-Nov-04	GPI	NUCLEIC ACID SEQUENCES FOR DETECTING GENETIC MARKERS FOR CANCER IN A BIOLOGICAL SAMPLE
6813520	2-Nov-04	Cytc Corporation	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION
6821770	23-Nov-04	GPI	POLYNUCLEOTIDE MATRIX-BASED METHOD OF IDENTIFYING MICROORGANISMS
6830935	14-Dec-04	Hologic, Inc.	IMPROVED METHOD FOR MIXING AND PROCESSING SPECIMEN SAMPLES
6835542	28-Dec-04	GPI	MOLECULAR TORCHES

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6846289	25-Jan-05	Hologic, Inc.	INTEGRATED X-RAY & ULTRASOUND MEDICAL IMAGING SYSTEM
6846456	25-Jan-05	GPI	ASSAY WORK STATION
6849400	1-Feb-05	GPI	METHODS FOR DETECTING AND MEASURING SPLICED NUCLEIC ACIDS
6849412	1-Feb-05	GPI	MOLECULAR TORCHES
6851453	8-Feb-05	GPI	FLUID DISPENSE VERIFICATION SYSTEM
6851851	8-Feb-05	Hologic, Inc.	DIGITAL FLAT PANEL X-RAY RECEPTOR POSITIONING IN DIAGNOSTIC RADIOLOGY
6852283	8-Feb-05	GPI	SUBSTANCE TRANSFER DEVICE
6853741	8-Feb-05	Hologic, Inc.	AUTOMATIC REGION OF INTEREST LOCATOR FOR AP SPINAL IMAGES AND FOR HIP IMAGES IN BOND DENSITOMETRY
6867051	15-Mar-05	Cytec Corporation	POINT OF CARE DIAGNOSTIC SYSTEMS
6870045	22-Mar-05	GPI	KITS FOR DETECTING HIV-2
6872183	29-Mar-05	Cytec Corporation	SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY
6872816	29-Mar-05	Third Wave Technologies	NUCLEIC ACID DETECTION KITS
6875572	5-Apr-05	Third Wave Technologies	NUCLEIC ACID DETECTION ASSAYS
6890742	10-May-05	GPI	AUTOMATED PROCESS FOR ISOLATING AND AMPLIFYING A TARGET NUCLEIC ACID SEQUENCE
6893612	17-May-05	GPI	PENETRABLE CAP
6893819	17-May-05	Hologic, Inc.	METHODS FOR DETECTION OF A NUCLEIC ACID BY SEQUENTIAL AMPLIFICATION
6896682	24-May-05	Hologic, Inc.	METHOD AND SYSTEM FOR INTERNAL LIGATION OF TUBULAR STRUCTURES
6902891	7-Jun-05	Co-Owned by Gen-Probe Incorporated and BioMerieux S.A.	PROCESS FOR LABELING A NUCLEIC ACID

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6903206	7-Jun-05	GPI	KITS FOR AMPLIFYING TARGET NUCLEIC ACID SEQUENCES USING MODIFIED OLIGONUCLEOTIDES
6908735	21-Jun-05	GPI	POLYNUCLEOTIDE QUANTITATION METHOD
6908736	21-Jun-05	GPI	DNA SEQUENCING
6909795	21-Jun-05	Hologic, Inc.	COMMUNICATING COMPUTER-AIDED DETECTION RESULTS IN A STANDARDS-BASED MEDICAL IMAGING ENVIRONMENT
6910720	28-Jun-05	GPI	CONNECTOR FOR USE IN COMBINING THE CONTENTS OF A PAIR OF CONTAINERS
6913881	5-Jul-05	Third Wave Technologies	METHODS AND COMPOSITIONS FOR DETECTING TARGET SEQUENCES
6914555	5-Jul-05	GPI	METHOD FOR DETECTING A FLUID SURFACE
6923754	2-Aug-05	Hologic, Inc.	VACUUM DEVICE AND METHOD FOR TREATING TISSUE ADJACENT A BODY CAVITY
6932943	23-Aug-05	Third Wave Technologies	NUCLEIC ACID SYNTHESIZERS
6936443	30-Aug-05	Cytec Corporation	DETECTION AND TYPING OF HUMAN PAPILLOMA-VIRUS USING PNA PROBES
6936476	30-Aug-05	Cytec Corporation	POINT OF CARE DIAGNOSTIC SYSTEMS
6939672	6-Sep-05	Cytec Corporation	NUCLEIC ACID EXTRACTION SOLUTION AND USE THEREOF
6946254	20-Sep-05	Co-Owned by Gen-Probe Incorporated and BioMerieux S.A.	AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS
6955641	18-Oct-05	Hologic, Inc.	VACUUM DEVICE AND METHOD FOR TREATING TISSUE ADJACENT A BODY CAVITY
6968033	22-Nov-05	Bioluminescent Inc.	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES

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6974294	13-Dec-05	Hologic, Inc.	ARTICLE HANDLING SYSTEM AND METHOD
6976949	20-Dec-05	Cytec Corporation	TREATMENT OF SPINAL METASTASES
7001726	21-Jul-06	In process of Assigning from Tepnel Medical LTD to	ENZYMATICALLY CATALYSED SIGNAL AMPLIFICATION
		Hologic LTD.	
7006674	28-Feb-06	Cytec Corporation	APPARATUS AND METHODS FOR VERIFYING THE LOCATION OF AREAS OF INTEREST WITHIN A SAMPLE IN AN IMAGING SYSTEM
7008766	7-Mar-06	GPI	NUCLEIC ACID SEQUENCE ANALYSIS
7009041	7-Mar-06	GPI	OLIGONUCLEOTIDES FOR NUCLEIC ACID AMPLIFICATION AND FOR THE DETECTION OF MYCOBACTERIUM TUBERCULOSIS
7011944	14-Mar-06	Third Wave Technologies	INVASIVE CLEAVAGE OF NUCLEIC ACIDS
7017238	28-Mar-06	GPI	CLAMP
7033820	25-Apr-06	GPI	AUTOMATED SYSTEM FOR ISOLATING AND AMPLIFYING A TARGET NUCLEIC ACID SEQUENCE
7045289	16-May-06	Third Wave Technologies	DETECTION OF RNA SEQUENCES
7054473	30-May-06	Hologic, Inc.	METHOD AND APPARATUS FOR AN IMPROVED COMPUTER AIDED DIAGNOSIS SYSTEM
7060436	13-Jun-06	Third Wave Technologies	NUCLEIC ACID ACCESSIBLE HYBRIDIZATION SITES
7063670	20-Jun-06	Cytec Corporation	SYSTEM AND METHOD FOR DETECTING PERFORATIONS IN A BODY CAVITY
7070925	4-Jul-06	GPI	METHOD FOR DETERMINING THE PRESENCE OF AN RNA ANALYTE IN SAMPLE USING A MODIFIED OLIGONUCLEOTIDE PROBE
7070933	4-Jul-06	GPI	INVERSION PROBES

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7072498	4-Jul-06	Hologic, Inc.	METHOD AND APPARATUS FOR AN IMPROVED COMPUTER AIDED DIAGNOSIS SYSTEM
7074217	11-Jul-06	Cytoc Corporation	RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE
7081527	25-Jul-06	GPI	COMPOSITIONS METHODS AND KITS FOR DETERMINING THE PRESENCE OF CRYPTOSPORIDIUM PARVUM ORGANISMS IN A TEST SAMPLE
7083106	1-Aug-06	Cytoc Corporation	LOCALLY STORING BIOLOGICAL SPECIMEN DATA TO A SLIDE
7094541	22-Aug-06	GPI	ASSAY FOR DETECTION OF HUMAN PARVOVIRUS B19 NUCLEIC ACID
7094542	22-Aug-06	GPI	DETECTION OF RPOB SEQUENCES OF MYCOBACTERIUM TUBERCULOSIS
7097979	29-Aug-06	GPI	DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
7101672	5-Sep-06	Third Wave Technologies	TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
7115374	3-Oct-06	GPI	COMPOSITIONS AND METHODS FOR DETECTING WEST NILE VIRUS
7118860	10-Oct-06	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY CAPTURE
7118892	10-Oct-06	GPI	AUTOMATED PROCESS FOR ISOLATING AND AMPLIFYING A TARGET NUCLEIC ACID SEQUENCE
7122316	17-Oct-06	GPI	METHOD FOR ENHANCING AMPLIFICATION OF A TARGET NUCLEIC ACID SEQUENCE
7122364	17-Oct-06	Third Wave Technologies	FEN ENDONUCLEASES
7122803	17-Oct-06	Hologic, Inc.	AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC

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			IMAGING
7123684	17-Oct-06	Hologic, Inc.	FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING
7132082	7-Nov-06	GPI	SAMPLE CARRIER HAVING RELEASABLE LOCKING MECHANISM
7135145	14-Nov-06	GPI	DEVICE FOR AGITATING THE FLUID CONTENTS OF A CONTAINER
7140738	28-Nov-06	Cytoc Corporation	SYSTEM AND METHOD FOR CALIBRATING POSITION OF MICROSCOPE SLIDE WITHIN STORAGE RECEPTACLE
7150375	19-Dec-06	Cytoc Corporation	APPARATUS & METHOD FOR STORING SLIDES IN AN ANGULAR ARRANGEMENT
7150982	19-Dec-06	Third Wave Technologies	RNA DETECTION ASSAYS
7169554	30-Jan-07	GPI	MONITORING OLIGONUCLEOTIDE BINDING PROCESSES USING CHEMILUMINESCENT QUENCHING
7172863	6-Feb-07	GPI	NUCLEIC ACID PROBES AND METHODS FOR DETECTING NEISSERIA GONORRHOEAE
7186522	6-Mar-07	Cytoc Corporation	PAPANICOLAU STAINING PROCESS
7191068	13-Mar-07	Hologic, Inc.	PROTEOMIC ANALYSIS OF BIOLOGICAL FLUIDS
7195871	27-Mar-07	Third Wave Technologies	METHODS AND COMPOSITIONS FOR DETECTING TARGET SEQUENCES
7198902	3-Apr-07	Cytoc Corporation	APPARATUS AND METHOD FOR SEPARATING VIRAL PARTICLES FROM CELLS
7214178	8-May-07	Hologic	VACUUM DEVICE AND METHOD FOR TREATING TISSUE ADJACENT A BODY CAVITY

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7214780	8-May-07	GPI	PROBES COMPOSITIONS AND KITS FOR DETERMINING THE PRESENCE OF MYCOPLASMA PNEUMONIAE IN A TEST SAMPLE
7220259	22-May-07	Cytec Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION
7224521	29-May-07	Cytec Corporation	PARCENTRIC OBJECTIVE
7228295	5-Jun-07	Cytec Corporation	METHOD FOR SELECTING MEDICAL & BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS
7233005	19-Jun-07	Hologic, Inc.	AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING
7245694	17-Jul-07	Hologic, Inc.	X-RAY MAMMOGRAPHY/TOMOSYNTHESIS OF PATIENT'S BREAST
7250259	31-Jul-07	GPI	MOLECULAR TORCHES AND THEIR USE UNDER STRAND DISPLACEMENT CONDITIONS
7252947	7-Aug-07	GPI	MOLECULAR TORCHES AND THEIR USE UNDER DENATURING CONDITIONS
7255996	14-Aug-07	GPI	COMPOSITIONS METHODS AND KITS FOR DETECTING THE NUCLEIC ACIDS OF HIV-1 AND HIV-2
7256020	14-Aug-07	Third Wave Technologies	METHODS AND COMPOSITIONS FOR DETECTING TARGET SEQUENCES
7267795	11-Sep-07	GPI	INCUBATOR FOR USE IN AN AUTOMATED DIAGNOSTIC ANALYZER
7267956	11-Sep-07	GPI	NUCLEIC ACID SEQUENCES FOR DETECTING GENETIC MARKERS FOR CANCER IN A BIOLOGICAL SAMPLE
7270970	18-Sep-07	Cytec Corporation	POINT OF CARE DIAGNOSTIC SYSTEMS
7276208	2-Oct-07	GPI	SAMPLE CARRIER HAVING SAMPLE TUBE BLOCKING MEMBER

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7276383	2-Oct-07	GPI	METHOD FOR OBTAINING THE CONTENTS OF A FLUID-HOLDING VESSEL
7276597	2-Oct-07	Hologic, Inc.	COMPOSITIONS AND KITS FOR DETECTION OF A NUCLEIC ACID BY SEQUENTIAL AMPLIFICATION
7282182	16-Oct-07	GPI	SAMPLE CARRIER
7283857	16-Oct-07	Hologic, Inc.	DICOM COMPLIANT FILE COMMUNICATION INCLUDING QUANTITATIVE AND IMAGE DATA
7284900	23-Oct-07	Hologic, Inc.	APPARATUS AND METHOD FOR MIXING SPECIMENS IN VIALS
7294308	13-Nov-07	GPI	PENETRABLE CAP
7294489	13-Nov-07	GPI	NUCLEIC ACID AMPLIFICATION AND DETECTION OF MYCOBACTERIUM SPECIES
7298876	20-Nov-07	Hologic, Inc.	METHOD AND APPARATUS FOR QUALITY ASSURANCE AND QUALITY CONTROL IN RADIOLOGICAL EQUIPMENT USING AUTOMATIC ANALYSIS TOOLS
7300163	27-Nov-07	Cytec Corporation	SLIDE MISLOAD DETECTION SYSTEM & METHOD
7304308	4-Dec-07	Hologic, Inc.	AMORPHOUS SELENIUM FLAT PANEL X-RAY IMAGER FOR TOMOSYNTHESIS AND STATIC IMAGING
7306917	11-Dec-07	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACIDS
7309469	18-Dec-07	GPI	COLLECTION DEVICE
7309573	18-Dec-07	Hologic, Inc.	METHODS FOR DETECTION OF A NUCLEIC ACID BY SEQUENTIAL AMPLIFICATION
7312033	25-Dec-07	Third Wave Technologies	CFTR ALLELE DETECTION ASSAYS
7316779	8-Jan-08	Hologic, Inc.	FILTRATION SYSTEM AND METHOD FOR OBTAINING A CYTOLOGY LAYER
7319734	15-Jan-08	Hologic, Inc.	METHOD AND APPARATUS FOR BLOCKING RADIOGRAPHIC SCATTER

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7319735	15-Jan-08	Hologic, Inc.	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID
7322990	29-Jan-08	Suros Surgical Systems	NEEDLE GUIDE FOR STEREOTACTIC BIOPSY
7326532	5-Feb-08	GPI	DETECTION OF RPOB SEQUENCES OF MYCOBACTERIUM TUBERCULOSIS
7326533	5-Feb-08	GPI	DETECTION OF RPOB SEQUENCES OF MYCOBACTERIUM TUBERCULOSIS
7341369	11-Mar-08	Cytec Corporation	ISOTROPIC ILLUMINATION
7344506	18-Mar-08	Cytec Corporation	CELL COLLECTION DEVICE
7345155	18-Mar-08	GPI	COMPOSITIONS METHODS AND KITS FOR DETERMINING THE PRESENCE OF MYCOPLASMA GENITALIUM IN A TEST SAMPLE
7347829	25-Mar-08	Suros Surgical Systems	INTRODUCTION SYSTEM FOR MINIMALLY INVASIVE SURGICAL INSTRUMENTS
7354391	8-Apr-08	Cytec Corporation	IMPLANTABLE RADIOTHERAPY/BRACHYTHERAPY RADIATION DETECTING APPARATUS AND METHODS
7354708	8-Apr-08	Third Wave Technologies	INVASION ASSAYS
7354719	8-Apr-08	GPI	DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILLOMAVIRUS
7355034	8-Apr-08	GPI	OLIGONUCLEOTIDES FOR USE IN DETERMINING THE PRESENCE OF HUMAN PAPILLOMAVIRUS IN A TEST SAMPLE
7357042	15-Apr-08	Cytec Corporation	FILTER CONTAMINATION CONTROL DEVICE
7361467	22-Apr-08	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY CAPTURE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7361469	22-Apr-08	Hologic, Inc.	DUAL LABELED FLUORESCENT PROBES
7361746	22-Apr-08	GPI	METHODS AND COMPOSITIONS FOR DETECTION OF MYCOBACTERIUM AVIUM COMPLEX SPECIES
7368545	6-May-08	DiagnoCure	PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES
7369304	6-May-08	Cytoc Corporation	CYTOLOGICAL AUTOFOCUSING IMAGING SYSTEMS AND METHODS
7374877	20-May-08	Co-Owned by Gen-Probe Incorporated and BioMerieux S.A.	AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS
7374885	20-May-08	GPI	SINGLE-PRIMER NUCLEIC ACID AMPLIFICATION METHODS
7374945	20-May-08	GPI	METHOD AND KIT FOR ENHANCING THE ASSOCIATION RATES OF POLYNUCLEOTIDES
7377027	27-May-08	Hologic, Inc.	CONTAINER UNCAPPING MECHANISM AND METHOD
7381178	3-Jun-08	Cytoc Corporation	TREATMENT OF SPINAL METASTASES
7381530	3-Jun-08	Third Wave Technologies	KITS FOR DETECTION OF NUCLEIC ACIDS BY INVASIVE CLEAVAGE
7381532	3-Jun-08	Hologic, Inc.	COMPOSITIONS AND METHODS FOR THE DETECTION OF A NUCLEIC ACID USING A CLEAVAGE REACTION
7381811	3-Jun-08	GPI	COMPOSITIONS METHODS AND KITS FOR DETERMINING THE PRESENCE OF TRICHOMONAS VAGINALIS IN A TEST SAMPLE
7384600	10-Jun-08	GPI	MULTIPLE RING ASSEMBLY FOR PROVIDING SPECIMEN TO REACTION RECEPTACLES WITHIN AN AUTOMATED ANALYZER
7384746	10-Jun-08	Third Wave Technologies	CHARGE TAGS AND THE SEPARATION OF NUCLEIC ACID MOLECULES
7390306	24-Jun-08	Suros Surgical	VACUUM ASSISTED BIOPSY

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
		Systems	NEEDLE SET
7395974	8-Jul-08	Cytec Corporation	LOCALLY STORING BIOLOGICAL SPECIMEN DATA TO A SLIDE
7396344	8-Jul-08	GPI	CLAMP
7396509	8-Jul-08	GPI	INSTRUMENT FOR DETECTING LIGHT EMITTED BY THE CONTENTS OF A REACTION RECEPTACLE
7399852	15-Jul-08	GPI	KITS AND REACTION MIXTURES CONTAINING MODIFIED PROBE MOLECULES
7406150	29-Jul-08	Hologic, Inc.	DISTRIBUTED ARCHITECTURE FOR MAMMOGRAPHIC IMAGE ACQUISITION AND PROCESSING
7407476	5-Aug-08	Hologic, Inc.	TISSUE IRRADIATION WITH SHIELDING
7407502	5-Aug-08	Cytec Corporation	RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE
7407782	5-Aug-08	Third Wave Technologies	NUCLEIC ACID DETECTION COMPOSITIONS
7411664	12-Aug-08	Cytec Corporation	CYTOLOGICAL IMAGING SYSTEM AND METHOD
7413539	19-Aug-08	Hologic, Inc.	TREATMENT OF A BODY CAVITY
7425417	16-Sep-08	GPI	DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
7429455	30-Sep-08	Third Wave Technologies	METHODS FOR GENOTYPING HEPATITIS C VIRUS
7430272	30-Sep-08	Hologic, Inc.	FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING
7432048	7-Oct-08	Third Wave Technologies	REACTIONS ON A SOLID SURFACE
7433026	7-Oct-08	Cytec Corporation	MICROSCOPE WITH LED ILLUMINATION SOURCE
7435389	14-Oct-08	GPI	SEALED COLLECTION DEVICE HAVING STRIATED CAP
7435390	14-Oct-08	Third Wave Technologies	NUCLEIC ACID SYNTHESIZERS
7435576	14-Oct-08	GPI	FILTER SNAPPER

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7435599	14-Oct-08	Cytc Corporation	METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS
7443949	28-Oct-08	Hologic, Inc.	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID
7446935	4-Nov-08	Cytc Corporation	CYTOLOGICAL IMAGING SYSTEMS & METHODS
7449153	11-Nov-08	Cytc Corporation	TRAY FOR SLIDE PROCESSING
7449328	11-Nov-08	GPI	PROBE MATRIX-BASED DEVICE FOR IDENTIFYING MICROORGANISMS
7458940	2-Dec-08	Suros Surgical Systems	BIOPSY APPARATUS
7462451	9-Dec-08	Third Wave Technologies	REACTIVE FUNCTIONAL GROUPS
7465268	16-Dec-08	Hologic, Inc.	METHODS FOR ASYMMETRICAL IRRADIATION OF A BODY CAVITY
7468251	23-Dec-08	Hologic, Inc.	COMPOSITIONS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE
7468836	23-Dec-08	Cytc Corporation	CYTOLOGICAL IMAGING SYSTEMS & METHODS
7470512	30-Dec-08	GPI	OLIGONUCLEOTIDES FOR USE IN DETERMINING THE PRESENCE OF HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE
7472593	6-Jan-09	Cytc Corporation	FLUID LEVEL REGULATOR
7473773	6-Jan-09	Third Wave Technologies	DETERMINATION OF HEPATITIS C VIRUS GENOTYPE
7477766	13-Jan-09	Hologic, Inc.	METHOD AND APPARATUS FOR AN IMPROVED COMPUTER AIDED DIAGNOSIS SYSTEM
7482118	27-Jan-09	Third Wave Technologies	ENDONUCLEASE SUBSTRATE COMPLEXES
7482121	27-Jan-09	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY CAPTURE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7482127	27-Jan-09	Third Wave Technologies	NUCLEIC ACID DETECTION ASSAYS EMPLOYING BLOCKER OLIGONUCLEOTIDES
7482143	27-Jan-09	GPI	AUTOMATED PROCESS FOR DETECTING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SAMPLE
7489761	10-Feb-09	Hologic, Inc.	BREAST COMPRESSION FOR DIGITAL MAMMOGRAPHY TOMOSYNTHESIS AND OTHER MODALITIES
7494457	24-Feb-09	Cytec Corporation	BRACHYTHERAPY APPARATUS AND METHOD FOR TREATING A TARGET TISSUE THROUGH AN EXTERNAL SURFACE OF THE TISSUE
7494774	24-Feb-09	GPI	ASSAY AND COMPOSITIONS FOR DETECTION OF BACILLUS ANTHRACIS NUCLEIC ACID
7495093	24-Feb-09	GPI	AMPLIFICATION AND DETECTION METHOD
7497833	3-Mar-09	Suros Surgical Systems	BIOPSY APPARATUS WITH VACUUM RELIEF
7498137	3-Mar-09	GPI	COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF CHLAMYDOPHILA PNEUMONIAE IN A TEST SAMPLE
7502441	10-Mar-09	Biolumicent Inc.	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES
7504252	17-Mar-09	Cytec Corporation	APPARATUS & METHODS FOR SCANNING & PRODUCING BIOLOGICAL SPECIMEN FILM STRIPS
7505555	17-Mar-09	Biolumicent Inc.	PADS FOR MAMMOGRAPHY AND METHODS FOR MAKING AND USING THEM (GEL PAD)
7507578	24-Mar-09	Cytec Corporation	REDUCED APERTURE BIOLOGICAL SPECIMEN COLLECTION AND TRANSFER DEVICE
7510837	31-Mar-09	GPI	SAMPLE PREPARATION METHOD INCORPORATING AN ALKALINE SHOCK

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7512445	31-Mar-09	Cytec Corporation	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION (NATO)
7514220	7-Apr-09	Third Wave Technologies	DETECTION OF NUCLEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE CLEAVAGES
7517310	14-Apr-09	Hologic, Inc.	METHODS FOR TISSUE IRRADIATION WITH SHIELDING
7524274	28-Apr-09	Cytec Corporation	TISSUE POSITIONING SYSTEMS AND METHODS FOR USE WITH RADIATION THERAPY
7524274	28-Apr-09	Cytec Corporation	TISSUE POSITIONING SYSTEMS AND METHODS FOR USE WITH RADIATION THERAPY
7524275	28-Apr-09	Cytec Corporation	DRUG ELUTING BRACHYTHERAPY METHODS AND APPARATUS
7524652	28-Apr-09	GPI	AUTOMATED PROCESS FOR DETERMINING THE PRESENCE OF IN TARGET NUCLEIC ACID IN A SAMPLE
7527928	5-May-09	Third Wave Technologies	REACTIONS ON A SOLID SURFACE
7527948	5-May-09	Third Wave Technologies	DETECTION OF HPV
7534568	19-May-09	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY FORMING A CLEAVAGE STRUCTURE WITH A CLEAVAGE RESISTANT PROBE
7538861	26-May-09	Cytec Corporation	CYTOLOGICAL IMAGING SYSTEM AND METHOD
7541145	2-Jun-09	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACIDS
7544792	9-Jun-09	GPI	COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID
7547516	16-Jun-09	GPI	METHOD FOR REDUCING THE PRESENCE OF AMPLIFICATION INHIBITORS IN A REACTION RECEPTACLE
7556622	7-Jul-09	Suros Surgical Systems	SELECTIVELY OPENABLE TISSUE FILTER

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7556777	7-Jul-09	Cytec Corporation	SPECIMEN VIAL CAP HANDLER AND SLIDE LABELER
7560255	14-Jul-09	GPI	AUTOMATED PROCESS FOR DETECTING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SAMPLE
7560256	14-Jul-09	GPI	AUTOMATED PROCESS FOR DETECTING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SAMPLE
7561329	14-Jul-09	Cytec Corporation	ILLUMINATION SOURCE FOR STAINED BIOLOGICAL SAMPLES
7563223	21-Jul-09	Cytec Corporation	TUMESCENT SKIN SPACING METHOD
7563579	21-Jul-09	GPI	METHOD FOR DETECTING A STRUCTURED TARGET
7564938	21-Jul-09	Hologic, Inc.	SCATTER REJECTION FOR COMPOSITE MEDICAL IMAGING SYSTEMS
7572588	11-Aug-09	GPI	MODIFIED PROBE MOLECULES HAVING SELF-COMPLEMENTARY REGIONS
7572638	11-Aug-09	Hologic, Inc.	AUTOMATED SYSTEM AND METHOD FOR PROCESSING MULTIPLE LIQUID-BASED SPECIMENS
7577282	18-Aug-09	Hologic, Inc.	IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS
7579190	25-Aug-09	Cytec Corporation	METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS
7582085	1-Sep-09	Cytec Corporation	CATHETER PLACEMENT DETECTION SYSTEM AND OPERATOR INTERFACE
7582436	1-Sep-09	Third Wave Technologies	3' END TAGGED OLIGONUCLEOTIDES
7582470	1-Sep-09	GPI	DEVICE FOR AMPLIFYING AND DETECTING A TARGET NUCLEIC ACID
7583786	1-Sep-09	Hologic, Inc.	X-RAY MAMMOGRAPHY/TOMOSYNTHESIS OF PATIENT'S BREAST

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7585631	8-Sep-09	GPI	METHOD FOR OBTAINING PURIFIED RNA FROM VIABLE OOCYSTS
7585632	8-Sep-09	Hologic, Inc.	COMPOSITIONS AND METHODS FOR THE DETECTION OF A NUCLEIC ACID USING A CLEAVAGE REACTION
7587078	8-Sep-09	Cytec Corporation	AUTOMATED IMAGE ANALYSIS
7587952	15-Sep-09	GPI	AUTOMATED SAMPLING SYSTEM
7588891	15-Sep-09	Third Wave Technologies	INVASIVE CLEAVAGE OF NUCLEIC ACIDS
7588897	15-Sep-09	GPI	COMPOSITIONS AND METHODS TO DETECT ENTEROCOCCI NUCLEIC ACID
7590492	15-Sep-09	Cytec Corporation	METHOD AND SYSTEM FOR ORGANIZING MULTIPLE OBJECTS OF INTEREST IN FIELD OF INTEREST
7592155	22-Sep-09	GPI	FILTER SNAPPER
7595164	29-Sep-09	GPI	COMPOSITIONS AND METHODS TO DETECT CANDIDA ALBICANS NUCLEIC ACID
7604633	20-Oct-09	Cytec Corporation	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION
7604963	20-Oct-09	GPI	DETERMINING THE SEQUENCE OF A POLYNUCLEOTIDE
7608397	27-Oct-09	GPI	METHOD FOR DETERMINING BIOPHYSICAL PROPERTIES
7609806	27-Oct-09	Hologic, Inc.	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID
7609871	27-Oct-09	Hologic, Inc.	AUTOMATIC REGION OF INTEREST LOCATOR FOR AP SPINAL IMAGES AND FOR HIP IMAGES IN BONE DENSITOMETRY
7611675	3-Nov-09	GPI	SAMPLE CARRIER HAVING FINGER SPRINGS FOR HOLDING SAMPLE TUBES

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7616732	10-Nov-09	Biolumcent Inc.	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES
7616793	10-Nov-09	Hologic, Inc. (R2 Technology Inc.)	MEDICAL IMAGE REVIEW WORKSTATION WITH INTEGRATED CONTENT-BASED RESOURCE RETRIEVAL
7616801	10-Nov-09	Hologic, Inc.	IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS
7625705	1-Dec-09	Hologic, Inc.	METHODS AND COMPOSITIONS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE UTILIZING A PROBE WITH A 3' FLAP
7628762	8-Dec-09	Suros Surgical Systems	ADAPTER ASSEMBLY FOR STEREOTACTIC BIOPSY
7630532	8-Dec-09	Hologic, Inc. (R2 Technology Inc.)	METHOD AND APPARATUS FOR CORRECTION OF MAMMOGRAMS FOR NON-UNIFORM BREAST THICKNESS
7630533	8-Dec-09	Hologic, Inc.	BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS
7632934	15-Dec-09	GPI	OLIGONUCLEOTIDES FOR AMPLIFYING TRICHOMONAS VAGINALIS-DERIVED NUCLEIC ACID
7636465	22-Dec-09	Cytoc Corporation	CROSS-FRAME OBJECT RECONSTRUCTION FOR IMAGE-BASED CYTOLOGY APPLICATIONS
7638337	29-Dec-09	GPI	SYSTEM FOR AGITATING THE FLUID CONTENTS OF A CONTAINER
7639780	29-Dec-09	Hologic, Inc.	DISTRIBUTED ARCHITECTURE FOR MAMMOGRAPHIC IMAGE ACQUISITION AND PROCESSING
7648680	19-Jan-10	GPI	METHOD FOR OBTAINING A FLUID SUBSTANCE FROM AN ASSEMBLED COLLECTION DEVICE CONTAINING A SPECIMEN RETRIEVAL DEVICE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7655405	2-Feb-10	Hologic, Inc.	COMPOSITIONS AND KITS FOR DETECTION OF A TARGET NUCLEIC ACID
7655408	2-Feb-10	DiagnoCure	PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES
7664302	16-Feb-10	Hologic, Inc.	SIMULTANEOUS GRAYSCALE AND GEOMETRIC REGISTRATION OF IMAGES
7666358	23-Feb-10	Cytec Corporation	CELL BLOCK CASSETTE DEVICE
7666600	23-Feb-10	GPI	COMPOSITIONS METHODS AND KITS FOR DETECTING THE NUCLEIC ACIDS OF HIV-1 AND HIV-2
7666602	23-Feb-10	GPI	METHOD FOR AGITATING THE FLUID CONTENTS OF A CONTAINER
7666681	23-Feb-10	GPI	METHOD FOR AGITATING THE FLUID CONTENTS OF A CONTAINER
7667890	23-Feb-10	Cytec Corporation	CYTOLOGICAL IMAGING SYSTEMS & METHODS
7668352	23-Feb-10	Hologic, Inc.	COMMUNICATING COMPUTER-AIDED DETECTION RESULTS IN A STANDARDS-BASED MEDICAL IMAGING ENVIRONMENT
7668358	23-Feb-10	Hologic, Inc.	MODEL-BASED GRAYSCALE REGISTRATION OF MEDICAL IMAGES
7670780	2-Mar-10	GPI	COMPOSITIONS AND METHODS TO DETECT CANDIDA ALBICANS NUCLEIC ACID
7672494	2-Mar-10	Hologic, Inc.	PROCESSING MEDICAL IMAGE INFORMATION TO DETECT ANATOMICAL ABNORMALITIES
7674260	9-Mar-10	Cytec Corporation	EMERGENCY HEMOSTASIS DEVICE UTILIZING ENERGY
7674434	9-Mar-10	Cytec Corporation	VIALS & APPARATUS FOR OBTAINING AN ALIQUOT OF A SAMPLE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7674924	9-Mar-10	Third Wave Technologies	COMPOSITIONS PROBES AND CONJUGATES AND USES THEREOF
7678541	16-Mar-10	Hologic, Inc.	METHODS AND COMPOSITIONS FOR THE DETECTION OF A NUCLEIC ACID USING A NON-INVASIVE CLEAVAGE REACTION
7678542	16-Mar-10	Third Wave Technologies	CHARGE TAGS AND SEPARATION OF NUCLEIC ACID MOLECULES
7680315	16-Mar-10	Hologic, Inc.	FACILITATING COMPUTER-AIDED DETECTION COMPARISON AND/OR DISPLAY OF MEDICAL IMAGES
7682792	23-Mar-10	GPI	DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILLOMAVIRUS
7686771	30-Mar-10	Cytec Corporation	METHOD & APPARATUS FOR OBTAINING ALIQUOT FROM LIQUID-BASED CYTOLOGICAL SAMPLE
7687032	30-Mar-10	Cytec Corporation	FILTER ASSEMBLY FOR MOLECULAR TESTING
7688940	30-Mar-10	Hologic, Inc.	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID
7689038	30-Mar-10	Cytec Corporation	A METHOD FOR IMPROVED IMAGE SEGMENTATION
7691332	6-Apr-10	GPI	PENETRABLE CAP
7696337	13-Apr-10	GPI	COMPOSITIONS KITS AND METHODS FOR PERFORMING AMPLIFICATION REACTIONS
7700750	20-Apr-10	Third Wave Technologies	CONNEXIN ALLELE DETECTION ASSAYS
7702142	20-Apr-10	Hologic, Inc.	MATCHING GEOMETRY GENERATION AND DISPLAY OF MAMMOGRAMS AND TOMOSYNTHESIS IMAGES
7708951	4-May-10	GPI	STRIATED CAP
7713697	11-May-10	GPI	SINGLE-PRIMER NUCLEIC ACID AMPLIFICATION METHODS

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7717909	18-May-10	Cytec Corporation	A RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE
7723040	25-May-10	GPI	DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
7725153	25-May-10	Hologic, Inc.	ESTIMATING VISCERAL FAT BY DUAL-ENERGY X-RAY ABSORPTIOMETRY
7732169	8-Jun-10	GPI	METHOD FOR DETECTING WEST NILE VIRUS NUCLEIC ACIDS IN THE 5' NON-CODING/CAPSID REGION
7736854	15-Jun-10	Hologic, Inc.	METHODS OF DETECTION OF A TARGET NUCLEIC ACID SEQUENCE
7739054	15-Jun-10	GPI	METHOD AND ALGORITHM FOR QUANTIFYING POLYNUCLEOTIDES
7741027	22-Jun-10	Co-Owned by Gen-Probe Incorporated and BioMerieux S.A	AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS
7753457	13-Jul-10	Cytec Corporation	APPARATUS FOR REMOVABLY RETAINING A SLIDE WITHIN A CASSETTE
7759062	20-Jul-10	Third Wave Technologies	T-STRUCTURE INVASIVE CLEAVAGE ASSAYS CONSISTENT NUCLEIC ACID DISPENSING AND LOW LEVEL TARGET NUCLEIC ACID DETECTION
7760853	20-Jul-10	Hologic, Inc.	FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING
7760924	20-Jul-10	Hologic, Inc.	SYSTEM AND METHOD FOR GENERATING A 2D IMAGE FROM A TOMOSYNTHESIS DATA SET
7761137	20-Jul-10	Suros Surgical Systems	BIOPSY SITE MARKER DEPLOYMENT DEVICE
7763033	27-Jul-10	Hologic, Inc.	SYSTEM AND METHODS FOR PREVENTING INTRAVASATION DURING INTRAUTERINE PROCEDURES
7763467	27-Jul-10	GPI	DRIP SHIELD

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7767396	3-Aug-10	Hologic, Inc.	COMPOSITIONS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE
7767447	3-Aug-10	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	INSTRUMENTS AND METHODS FOR EXPOSING A RECEPTACLE TO MULTIPLE THERMAL ZONES
7769216	3-Aug-10	Hologic, Inc.	FACILITATING COMPARISON OF MEDICAL IMAGES
7769219	3-Aug-10	Cytec Corporation	METHOD FOR ASSESSING IMAGE FOCUS QUALITY
7771662	10-Aug-10	Hologic, Inc.	VIAL SYSTEM AND METHOD FOR PROCESSING LIQUID-BASED SPECIMENS
7780336	24-Aug-10	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	INSTRUMENTS AND METHODS FOR MIXING THE CONTENTS OF A DETECTION CHAMBER
7785844	31-Aug-10	GPI	COMPOSITIONS AND METHODS FOR DETECTING HEPATITIS B VIRUS
7786289	31-Aug-10	GPI	METHOD AND KIT FOR IDENTIFYING ANTIBIOTIC-RESISTANT MICROORGANISMS
7790393	7-Sep-10	Third Wave Technologies	AMPLIFICATION METHODS AND COMPOSITIONS
7790877	7-Sep-10	GPI	ANTISENSE OLIGONUCLEOTIDES WITH INCREASED RNASE SENSITIVITY
7792244	7-Sep-10	Hologic, Inc.	BREAST COMPRESSION FOR DIGITAL MAMMOGRAPHY TOMOSYNTHESIS AND OTHER MODALITIES
7792245	7-Sep-10	Hologic, Inc.	BREAST TOMOSYNTHESIS SYSTEM WITH SHIFTING FACE SHIELD
7794659	14-Sep-10	GPI	SIGNAL MEASURING SYSTEM HAVING A MOVEABLE SIGNAL MEASURING DEVICE
7794935	14-Sep-10	Hologic, Inc.	COMPOSITIONS FOR DETECTION OF A TARGET NUCLEIC ACID SEQUENCE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7795036	14-Sep-10	GPI	MEHTOD FOR ACCESSING THE CONTENTS OF A CLOSED COLLECTION DEVICE
7798331	21-Sep-10	Suros Surgical Systems	TISSUE COLLECTION TRAY
7801347	21-Sep-10	Hologic, Inc.	CARDIOVASCULAR RISK ASSESSMENTS USING AORTIC CALCIFICATION INFORMATION DERIVED FROM X-RAY MEASUREMENTS TAKEN WITH A DUAL ENERGY X-RAY DENSITOMETER
7803530	28-Sep-10	Cytc Corporation	DETECTION AND TYPING OF HUMAN PAPILLOMA-VIRUS USING PNA PROBES
7803581	28-Sep-10	GPI	ALKALINE SHOCK-BASED PREPARATION OF NUCLEIC ACIDS
7803624	28-Sep-10	Cytc Corporation	AUTOMATED CYTOLOGICAL SAMPLE CLASSIFICATION
7804992	28-Sep-10	Hologic, Inc.	CARDIOVASCULAR RISK ASSESSMENTS USING AORTIC CALCIFICATION INFORMATION DERIVED FROM X-RAY MEASUREMENTS TAKEN WITH A DUAL ENERGY X-RAY DENSITOMETER
7807365	5-Oct-10	Hologic, Inc.	CLEAVAGE OF NUCLEIC ACIDS
7807476	5-Oct-10	Hologic, Inc.	VIAL SYSTEM AND METHOD FOR PROCESSING LIQUID-BASED SPECIMENS
7807806	5-Oct-10	Third Wave Technologies	RNA DETECTION ASSAYS
7809175	5-Oct-10	Hologic, Inc.	DISPLAYING AND NAVIGATING COMPUTER-AIDED DETECTION RESULTS ON A REVIEW WORKSTATION
7815858	19-Oct-10	GPI	AUTOMATED SAMPLING SYSTEM
7820387	26-Oct-10	Third Wave Technologies	REACTIONS ON A SOLID SURFACE
7824859	2-Nov-10	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY FORMING A CLEAVAGE STRUCTURE USING AN RNA

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
			POLYMERASE
7824862	2-Nov-10	Third Wave Technologies	METHODS FOR ANALYZING NUCLEIC ACID
7824922	2-Nov-10	GPI	PENETRABLE CAP
7826652	2-Nov-10	Cytec Corporation	METHOD FOR FORMING AN OPTIMALLY EXPOSED IMAGE OF CYTOLOGICAL SPECIMEN
7829021	9-Nov-10	Cytec Corporation	CELL BLOCK PROCESSING STATION
7829314	9-Nov-10	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACIDS
7831296	9-Nov-10	Hologic, Inc.	X-RAY MAMMOGRAPHY WITH TOMOSYNTHESIS
7831417	9-Nov-10	GPI	PARAMETRIC CALIBRATION METHOD
7833716	16-Nov-10	GPI	TAGGED OLIGONUCLEOTIDES AND THEIR USE IN NUCLEIC ACID AMPLIFICATION METHODS
7837630	23-Nov-10	Suros Surgical Systems	FLUID CONTROL ELEMENT FOR BIOPSY APPARATUS
7838225	23-Nov-10	Hologic, Inc.	METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY FORMING A CLEAVAGE STRUCTURE USING A REVERSE TRANSCRIPTASE
7842035	30-Nov-10	Cytec Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION
7846661	7-Dec-10	Hologic, Inc.	METHODS OF DETECTING AN AMPLIFIED NUCLEIC ACID
7848019	7-Dec-10	Cytec Corporation	MICROSCOPE CALIBRATION APPARATUS AND METHOD AND STAGE INCLUDING CALIBRATION APPARATUS
7851150	14-Dec-10	Third Wave Technologies	DETECTION OF SMALL NUCLEIC ACIDS
7858347	28-Dec-10	GPI	COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF CHLAMYDOPHILA PNEUMONIAE IN A TEST SAMPLE
7859667	28-Dec-10	Cytec Corporation	SLIDE MISLOAD DETECTION SYSTEM & METHOD

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7866209	11-Jan-11	Cytec Corporation	FLUID LEVEL REGULATOR
7867777	11-Jan-11	GPI	METHOD FOR OBTAINING SAMPLE MATERIAL
7869563	11-Jan-11	Hologic, Inc.	INTEGRATED MULTI-MODE MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM AND METHOD
7870284	11-Jan-11	Cytec Corporation	SCALABLE ARCHITECTURE FOR MAXIMIZING SLIDE THROUGHPUT
7875441	25-Jan-11	GPI	OLIGONUCLEOTIDES FOR DETECTING HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE
7879581	1-Feb-11	GPI	NUCLEIC ACID AMPLIFICATION AND DETECTION OF MYCOBACTERIUM SPECIES
7881428	1-Feb-11	Hologic, Inc.	X-RAY MAMMOGRAPHY/TOMOSYNTHESIS OF PATIENT'S BREAST
7881532	1-Feb-11	Cytec Corporation	IMAGING DEVICE WITH IMPROVED IMAGE SEGMENTATION
7883476	8-Feb-11	Suros Surgical Systems	SELECTIVELY DETACHABLE OUTER CANNULA HUB
7885443	8-Feb-11	Hologic, Inc.	FACILITATING TEMPORAL COMPARISON OF MEDICAL IMAGES
7887758	15-Feb-11	Cytec Corporation	SAMPLE VIAL FOR USE IN PREPARING CYTOLOGICAL SPECIMEN
7888073	15-Feb-11	GPI	DETERMINING THE SEQUENCE OF A POLYNUCLEOTIDE
7889896	15-Feb-11	Hologic, Inc.	PATIENT WORKLIST MANAGEMENT IN DIGITAL RADIOGRAPHY REVIEW WORKSTATIONS
7897337	1-Mar-11	GPI	METHOD FOR PERFORMING MULTI-FORMATTED ASSAYS
7901946	8-Mar-11	Cytec Corporation	CELL BLOCK CASSETTE DEVICE
7906337	15-Mar-11	Cytec Corporation	METHOD OF GENERATING AND USING BIOLOGICAL QUALIFICATION SLIDES TO QUALIFY BIOLOGICAL SCREENING DEVICES

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7907274	15-Mar-11	Hologic, Inc.	METHOD FOR CHARACTERIZING X-RAY DETECTOR MATERIALS USING A RAMAN MICROSCOPE
7910067	22-Mar-11	GPI	SAMPLE TUBE HOLDER
7914462	29-Mar-11	Cytec Corporation	METHODS FOR PROCESSING CELL BLOCK
7914738	29-Mar-11	Cytec Corporation	CELL BLOCK CASSETTE & FILTER ASSEMBLY
7915432	29-Mar-11	Cytec Corporation	METHOD FOR IMPROVING THE SHELF-LIFE OF HEMATOXYLIN STAINING SOLUTIONS
7916915	29-Mar-11	Hologic, Inc.	IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS
7916918	29-Mar-11	Hologic, Inc.	DIAGNOSTIC SYSTEM FOR MULTIMODALITY MAMMOGRAPHY
7927549	19-Apr-11	GPI	METHOD FOR ACCESSING THE CONTENTS OF A CLOSED COLLECTION DEVICE WITH A MODIFIED PIPETTE TIP
7927806	19-Apr-11	DiagnoCure	PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES
7927840	19-Apr-11	GPI	METHOD FOR DETECTING WEST NILE VIRUS NUCLEIC ACIDS IN THE 3' NON-CODING REGION
7929740	19-Apr-11	Hologic, Inc.	USER DEFINABLE SCANNING PROTOCOLS FOR USE WITH MAMMOGRAPHIC COMPUTER-AIDED DETECTION AND FILM SCANNING SYSTEMS
7930106	19-Apr-11	GPI	QUANTITATIVE METHOD EMPLOYING ADJUSTMENT OF A PRE-DEFINED MASTER CALIBRATION CURVE
7932039	26-Apr-11	Third Wave Technologies	NUCLEIC ACID DETECTION ASSAYS EMPLOYING BLOCKER OLIGONUCLEOTIDES
7932081	26-Apr-11	GPI	SIGNAL MEASURING SYSTEM FOR CONDUCTING REAL-TIME AMPLIFICATION ASSAYS

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7935044	3-May-11	Hologic, Inc.	VACUUM DEVICE AND METHOD FOR TREATING TISSUE ADJACENT A BODY CAVITY
7935800	3-May-11	Third Wave Technologies	RNA DETECTION ASSAYS
7939257	10-May-11	Third Wave Technologies	POLYMORPHIC GHSR NUCLEIC ACIDS AND USES THEREOF
7939260	10-May-11	GPI	METHOD FOR MAKING AVAILABLE A PRIMING OLIGONUCLEOTIDE
7939264	10-May-11	GPI	DNA SEQUENCING
7941904	17-May-11	GPI	AUTOMATIC ANALYZER FOR USE IN PERFORMING NUCLEIC ACID-BASED AMPLIFICATION REACTIONS
7942802	17-May-11	Hologic, Inc.	VACUUM DEVICE AND METHOD FOR TREATING TISSUE ADJACENT A BODY CAVITY
7943294	17-May-11	Cytoc Corporation	METHODS FOR DETECTING ONCOFETAL FIBRONECTIN
7949091	24-May-11	Hologic, Inc.	FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING
7955246	7-Jun-11	Hologic, Inc.	TEMPORARY CATHETER FOR BIOPSY SITE TISSUE FIXATION
7957508	7-Jun-11	Hologic, Inc.	DEDICATED BREAST RADIATION IMAGING/THERAPY SYSTEM
7964413	21-Jun-11	GPI	METHOD FOR CONTINUOUS MODE PROCESSING OF MULTIPLE REACTION RECEPTACLES IN A REAL-TIME AMPLIFICATION ASSAY
7986765	26-Jul-11	Hologic, Inc.	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID
7988642	2-Aug-11	Hologic, Inc.	VACUUM ASSISTED BIOPSY DEVICE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7991106	2-Aug-11	Hologic, Inc.	MULTI-MODE TOMOSYNTHESIS/MAMMOGRAPHY GAIN CALIBRATION AND IMAGE CORRECTION USING GAIN MAP INFORMATION FROM SELECTED PROJECTION ANGLES
7993853	9-Aug-11	GPI	METHODS OF NUCLEIC ACID TARGET CAPTURE
8003771	23-Aug-11	Third Wave Technologies	COMPOSITIONS PROBES AND CONJUGATES AND USES THEREOF
8005289	23-Aug-11	Cytec Corporation	CROSS-FRAME OBJECT RECONSTRUCTION FOR IMAGE-BASED CYTOLOGY APPLICATIONS
8007449	30-Aug-11	Cytec Corporation	METHOD & APPARATUS FOR UTERINE CAVITY LENGTH MEASUREMENT
8008017	30-Aug-11	GPI	COMPOSITIONS AND METHODS FOR DETECTING THE PRESENCE OF CRYPTOSPORIDIUM ORGANISMS IN A TEST SAMPLE
8008066	30-Aug-11	GPI	SYSTEM FOR PERFORMING MULTI-FORMATTED ASSAYS
8012419	6-Sep-11	GPI	TEMPERATURE-CONTROLLED INCUBATOR HAVING A ROTATABLE DOOR
8014583	6-Sep-11	Cytec Corporation	METHOD FOR ASSESSING IMAGE FOCUS QUALITY
8020305	20-Sep-11	Cytec Corporation	MICROSCOPE SLIDE MARKING APPARATUS AND METHOD
8025656	27-Sep-11	Third Wave Technologies	METHODS SYSTEMS AND DEVICES FOR PERFORMING GYNECOLOGICAL PROCEDURES
8026066	27-Sep-11	GPI	DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILLOMAVIRUS
8034307	11-Oct-11	Cytec Corporation	FILTER FOR AUTOMATED SLIDE PREPARATION SYSTEM
8034554	11-Oct-11	GPI	METHODS AND COMPOSITIONS TO DETECT NUCLEIC ACIDS IN A BIOLOGICAL SAMPLE

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8034570	11-Oct-11	GPI	TAGGED OLIGONUCLEOTIDES AND THEIR USE IN NUCLEIC ACID AMPLIFICATION METHODS
8038967	18-Oct-11	GPI	METHOD FOR ACCESSING THE CONTENTS OF A CLOSED VESSEL CONTAINING A SPECIMEN RETRIEVAL DEVICE
8043316	25-Oct-11	Suros Surgical Systems	ADJUSTABLE SPACER
8047086	1-Nov-11	GPI	AUTOMATIC ANALYZER FOR USE IN PERFORMING NUCLEIC ACID-BASED AMPLIFICATION REACTIONS
8048003	1-Nov-11	Suros Surgical Systems	VACUUM ASSISTED BIOPSY DEVICE
8048375	1-Nov-11	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	GRAVITY-ASSISTED MIXING METHODS
8052929	8-Nov-11	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	GRAVITY-ASSISTED MIXING METHODS
8052944	8-Nov-11	GPI	PENETRABLE CAP
8057379	15-Nov-11	Hologic, Inc.	TREATMENT OF A BODY CAVITY
8057432	15-Nov-11	Suros Surgical Systems	SELECTIVE LOCKING MECHANISM FOR AN INTRODUCER DEVICE
8057762	15-Nov-11	GPI	PENETRABLE CAP
8058006	15-Nov-11	GPI	PROBES AND KITS FOR DETERMINING THE PRESENCE OF MYCOBACTERIUM TUBERCULOSIS COMPLEX ORGANISMS IN A TEST SAMPLE AND METHOD OF AMPLIFYING GRAM-POSITIVE BACTERIA AND FUNGI EMPLOYING CAPTURE PROBE
8060183	15-Nov-11	Suros Surgical Systems	SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES
8062230	22-Nov-11	Suros Surgical Systems	SURGICAL SITE MARKER DELIVERY SYSTEM
8063184	22-Nov-11	Third Wave Technologies	RNA DETECTION ASSAYS

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8063197	22-Nov-11	GPI	COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID
8064679	22-Nov-11	Third Wave Technologies	TARGETED EDGE DETECTION METHOD AND APPARATUS FOR CYTOLOGICAL IMAGE PROCESSING APPLICATIONS
8066648	29-Nov-11	Suros Surgical Systems	FLUID CONNECTOR AND BIOPSY SYSTEM INCLUDING SAME
8068990	29-Nov-11	Hologic, Inc.	PROTEOMIC ANALYSIS OF BIOLOGICAL FLUIDS
8071750	6-Dec-11	Third Wave Technologies	DETERMINATION OF HEPATITIS C VIRUS GENOTYPE
8073222	6-Dec-11	Hologic, Inc.	USER SELECTABLE AND USER DEFINABLE SCANNING PROTOCOLS IN MAMMOGRAPHIC FILM SCANNING SYSTEM WITH STACK FILM FEEDER
8075469	13-Dec-11	Hologic, Inc.	METHODS FOR ASYMMETRICAL IRRADIATION OF A BODY CAVITY
8079946	20-Dec-11	Hologic, Inc.	ASYMMETRICAL IRRADIATION OF A BODY CAVITY
8080643	20-Dec-11	Third Wave Technologies	HPV PRIMERS
8086015	27-Dec-11	Hologic, Inc.	FACILITATING COMPUTER-AIDED DETECTION COMPARISON AND/OR DISPLAY OF MEDICAL IMAGES BY STANDARDIZING IMAGES FROM DIFFERENT SOURCES
8088329	3-Jan-12	Cytec Corporation	CELL BLOCK PROCESSING STATION
8097409	17-Jan-12	GPI	COMPOSITIONS AND METHODS FOR DETECTING GROUP B STREPTOCOCCI
8098793	17-Jan-12	Biolumcent Inc.	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES
8103072	24-Jan-12	Cytec Corporation	METHOD AND SYSTEM FOR IDENTIFYING BIOLOGICAL SPECIMEN SLIDES USING UNIQUE SLIDE FINGERPRINTS
8105779	31-Jan-12	GPI	COMPOSITIONS AND METHODS FOR DETECTING THE PRESENCE OF CRYPTOSPORIDIUM PARVUM IN A

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			TEST SAMPLE
8109886	7-Feb-12	Suros Surgical Systems	BIOPSY APPARATUS
8116550	14-Feb-12	Cytec Corporation	METHOD AND SYSTEM FOR LOCATING AND FOCUSING ON FIDUCIAL MARKS ON SPECIMEN SLIDES
8118962	21-Feb-12	Cytec Corporation	METHOD AND APPARATUS FOR SPACING CELLULAR MATTER IN A CELL BLOCK
8119399	21-Feb-12	Cytec Corporation	METHOD AND SYSTEM FOR COLLECTING CELLS OF A BIOLOGICAL SPECIMEN
8123698	28-Feb-12	Suros Surgical Systems	SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY
8124335	28-Feb-12	GPI	COMPOSITIONS AND ASSAYS TO DETECT INFLUENZA VIRUS A AND B NUCLEIC ACIDS
8131049	6-Mar-12	Hologic, Inc.	BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS
8137289	20-Mar-12	Cytec Corporation	METHOD & APPARATUS FOR OBTAINING ALIQUOT FROM LIQUID-BASED CYTOLOGICAL SAMPLE
8137320	20-Mar-12	Suros Surgical Systems	SECUREMENT FOR A SURGICAL SITE MARKER AND DEPLOYMENT DEVICE FOR SAME
8137620	20-Mar-12	GPI	TEMPERATURE-CONTROLLED INCUBATOR HAVING A ARCUATE CLOSURE PANEL
8137642	20-Mar-12	Cytec Corporation	METHOD AND APPARATUS FOR CALIBRATING FILTERS DURING SPECIMEN COLLECTION
8137903	20-Mar-12	Cytec Corporation	METHOD FOR MAGNETIC SEPARATION OF RED BLOOD CELLS FROM A PATIENT SAMPLE
8137958	20-Mar-12	Cytec Corporation	ACTIVE GRIP FILTER PLUG FOR SAMPLE COLLECTION DEVICE

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8139832	20-Mar-12	Hologic, Inc.	PROCESSING MEDICAL IMAGES OF THE BREAST TO DETECT ANATOMICAL ABNORMALITIES THEREIN
8139834	20-Mar-12	Hologic, Inc.	DISPLAYING COMPUTER-AIDED DETECTION RESULTS ASSOCIATED WITH A MEDICAL IMAGE VOLUME
8144959	27-Mar-12	Hologic, Inc.	FACILITATING TEMPORAL COMPARISON OF MEDICAL IMAGES
8145435	27-Mar-12	GPI	REAL-TIME AMPLIFICATION AND MONITORING SYSTEM INCORPORATING VECTOR-BASED ALGORITHM FOR ANALYZING POLYNUCLEOTIDE-CONTAINING SAMPLES
8153772	10-Apr-12	GPI	OLIGONUCLEOTIDE PROBES AND PRIMERS COMPRISING UNIVERSAL BASES FOR DIAGNOSTIC PURPOSES
8155417	10-Apr-12	Hologic, Inc.	MICROCONTROLLER SYSTEM FOR IDENTIFYING RF COILS IN THE BORE OF A MAGNETIC RESONANCE IMAGING SYSTEM
8155421	10-Apr-12	Hologic, Inc.	MATCHING GEOMETRY GENERATION AND DISPLAY OF MAMMOGRAMS AND TOMOSYNTHESIS IMAGES
8157812	17-Apr-12	Suros Surgical Systems	SLOTTED DEPLOYMENT DEVICE
8163565	24-Apr-12	Cytec Corporation	LIGHT CURING FIXATIVE
8167818	1-May-12	Suros Surgical Systems	BIOPSY APPARATUS WITH VACUUM RELIEF
8170320	1-May-12	Hologic, Inc.	CHARACTERISTICS FROM BREAST X-RAY IMAGES AND AUTOMATICALLY ADJUSTING IMAGE PROCESSING PARAMETERS ACCORDINGLY
8172770	8-May-12	Suros Surgical Systems	SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY
8172771	8-May-12	Suros Surgical Systems	TISSUE COLLECTION SYSTEM

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8174763	8-May-12	Cytec Corporation	METHODS AND SYSTEMS FOR CONTROLLABLY SCANNING A CYTOLOGICAL SPECIMEN
8175219	8-May-12	Hologic, Inc.	INTEGRATED MULTI-MODE MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM AND METHOD
8175367	8-May-12	Hologic, Inc.	REDUCING FALSE POSITIVES IN COMPUTER-AIDED DETECTION
8182991	22-May-12	Third Wave Technologies	IMPROVED CLEAVAGE AGENTS
8183359	22-May-12	GPI	KITS FOR AMPLIFYING DNA
8184881	22-May-12	Hologic, Inc.	DISPLAYING AND NAVIGATING COMPUTER-AIDED DETECTION RESULTS ON A REVIEW WORKSTATION
8185317	22-May-12	Cytec Corporation	METHOD AND SYSTEM OF DETERMINING THE STAIN QUALITY OF SLIDES USING SCATTER PLOT DISTRIBUTIONS
8187204	29-May-12	Suros Surgical Systems	SURGICAL DEVICE AND METHOD FOR USING SAME
8187294	29-May-12	Suros Surgical Systems	ROTATING SURGICAL CUTTER
8188258	29-May-12	GPI	COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF CHLAMYDOPHILA PNEUMONIAE IN A TEST SAMPLE
8190371	29-May-12	Third Wave Technologies	METHODS AND APPLICATIONS FOR TARGET QUANTIFICATION
8192344	5-Jun-12	Hologic, Inc.	METHODS FOR ASYMMETRICAL IRRADIATION OF A BODY CAVITY
8192370	5-Jun-12	Suros Surgical Systems	BIOPSY APPARATUS
8192992	5-Jun-12	GPI	SYSTEM AND METHOD FOR INCUBATING THE CONTENTS OF A REACTION RECEPTACLE
8194947	5-Jun-12	Hologic, Inc.	FACILITATING COMPARISON OF MEDICAL IMAGES
8198027	12-Jun-12	GPI	METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION
8202229	19-Jun-12	Suros Surgical Systems Inc.	SURGICAL DEVICE

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8202978	19-Jun-12	GPI	COMPOSITIONS AND METHODS FOR DETECTING GROUP A STREPTOCOCCI
8206315	26-Jun-12	Suros Surgical Systems Inc.	REAL-TIME PATHOLOGY
8206662	26-Jun-12	GPI	PENETRABLE CAP HAVING AN ABSORBENT MATERIAL AND METHOD OF USING THE SAME
8206904	26-Jun-12	Hologic, Inc.	DETECTION OF NUCLEIC ACIDS
		Licensed-In	
8211710	3-Jul-12	GPI	METHOD FOR ACCESSING THE CONTENTS OF A CLOSED COLLECTION DEVICE
8217357	10-Jul-12	Hologic, Inc.	INTEGRATED BREAST X-RAY AND MOLECULAR IMAGING SYSTEM
8221682	17-Jul-12	GPI	SYSTEM FOR INCUBATING THE CONTENTS OF A REACTION RECEPTACLE
8221705	17-Jul-12	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	INSTRUMENT AND RECEPTACLES FOR USE IN PERFORMING PROCESSES
8223916	17-Jul-12	Hologic, Inc.	COMPUTER-AIDED DETECTION OF ANATOMICAL ABNORMALITIES IN X-RAY TOMOSYNTHESIS IMAGES
8224584	17-Jul-12	GPI	PARAMETRIC SYSTEM FOR QUANTIFYING ANALYTE POLYNUCLEOTIDES
8231544	31-Jul-12	Suros Surgical Systems Inc.	VACUUM ASSISTED BIOPSY NEEDLE SET
8231619	31-Jul-12	Cytec Corporation	STERILIZATION DEVICE AND METHOD
8241848	14-Aug-12	DiagnoCure	PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES
8246551	21-Aug-12	Suros Surgical Systems Inc.	ADAPTER ASSEMBLY FOR STEREOTACTIC BIOPSY
8251884	28-Aug-12	Hologic, Inc.	METHODS FOR ASYMMETRICAL IRRADIATION OF A BODY CAVITY

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8254521	28-Aug-12	Hologic, Inc.	DEDICATED BREAST RADIATION IMAGING/THERAPY SYSTEM
8273006	25-Sep-12	Hologic, Inc.	TISSUE IRRADIATION
8275090	25-Sep-12	Hologic, Inc.	MULTI-MODE TOMOSYNTHESIS/MAMMOGRAPHY GAIN CALIBRATION AND IMAGE CORRECTION USING GAIN MAP INFORMATION FROM SELECTED PROJECTION ANGLES
8275186	25-Sep-12	Hologic, Inc.	METHOD AND APPARATUS FOR SETTING A DETECTION THRESHOLD IN PROCESSING MEDICAL IMAGES
8275556	25-Sep-12	GPI	METHOD OF QUANTIFYING POLYNUCLEOTIDES USING A STORED CALIBRATION CURVE
8276762	2-Oct-12	GPI	METHOD AND APPARATUS FOR PERFORMING A MAGNETIC SEPARATION PROCEDURE
8277370	2-Oct-12	Hologic, Inc.	RADIATION CATHETER WITH MULTILAYERED BALLOON
8277393	2-Oct-12	Suros Surgical Systems Inc.	BIOPSY APPARATUS
8277445	2-Oct-12	Cytoc Corporation	ABLATION DEVICE
8278052	2-Oct-12	GPI	TAGGED OLIGONUCLEOTIDES AND THEIR USE IN NUCLEIC ACID AMPLIFICATION METHODS
8280486	2-Oct-12	Suros Surgical Systems Inc.	SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES
8287442	16-Oct-12	Hologic, Inc.	RADIATION CATHETER WITH MULTILAYERED BALLOON
8287465	16-Oct-12	Suros Surgical Systems Inc.	DISPOSABLE AUTOMATED TISSUE EXCISION AND COLLECTION DEVICE
8288093	16-Oct-12	Hologic, Inc.	DETECTION OF NUCLEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
			CLEAVAGES
8292794	23-Oct-12	Hologic, Inc.	METHOD FOR MAINTAINING ACCESS TO A BIOPSY SITE
8293885	23-Oct-12	GPI	ASSAY AND COMPOSITIONS FOR DETECTION OF BACILLUS ANTHRACIS NUCLEIC ACID
8298211	30-Oct-12	Suros Surgical Systems Inc.	PUSH BUTTON PULL BACK DEVICE
8303477	6-Nov-12	Cytec Corporation	FLUID RADIATION SHIELD FOR BRACHYTHERAPY
8309036	13-Nov-12	GPI	CONTAMINATION CONTROL FOR LIQUID HANDLING
8309358	13-Nov-12	GPI	METHOD FOR INTRODUCING A FLUID INTO A REACTION RECEPTACLE CONTAINED WITHIN A TEMPERATURE-CONTROLLED ENVIRONMENT
8318432	27-Nov-12	GPI	CROSS-REACTIVE HYBRIDIZATION PROBE FOR DETECTING HIV-1 AND HIV-2 NUCLEIC ACIDS IN THE p31 GENE SEQUENCE
8321136	27-Nov-12	Cytec Corporation	METHOD & SYSTEM FOR CLASSIFYING SLIDES USING SCATTER PLOT DISTRIBUTION
8325414	4-Dec-12	Cytec Corporation	APPARATUS FOR SINGLE HANDED CONTROL OF MICROSCOPE FUNCTIONS
8326006	4-Dec-12	Hologic, Inc.	METHOD FOR BREAST SCREENING IN FUSED MAMMOGRAPHY
8326012	4-Dec-12	Hologic, Inc.	SELECTIVE DISPLAY OF COMPUTER-AIDED DETECTION FINDINGS WITH ASSOCIATED BREAST X-RAY MAMMOGRAM AND/OR TOMOSYNTHESIS IMAGE INFORMATION
8326014	4-Dec-12	Cytec Corporation	METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL SPECIMENS UTILIZING MULTIPLE WAVELENGTHS
8328710	11-Dec-12	Hologic, Inc.	TEMPORARY CATHETER FOR BIOPSY SITE TISSUE FIXATION

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
8328711	11-Dec-12	Cytec Corporation	SELECTABLE MULTI-LUMEN BRACHYTHERAPY DEVICES AND METHODS
8329121	11-Dec-12	Cytec Corporation	APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS
8333685	18-Dec-12	Hologic, Inc.	SYSTEM AND METHOD FOR IMAGE-GUIDED THERAPY PLANNING AND PROCEDURE
8334098	18-Dec-12	GPI	DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN PAPILLOMAVIRUS
8334145	18-Dec-12	GPI	PIERCEABLE CAP HAVING SPACED-APART GROOVES
8337753	25-Dec-12	GPI	TEMPERATURE-CONTROLLED INCUBATOR HAVING A RECEPTACLE MIXING MECHANISM
8338095	25-Dec-12	GPI	COMPOSITIONS AND ASSAYS TO DETECT INFLUENZA VIRUS A AND B NUCLEIC ACIDS
8348824	8-Jan-13	Cytec Corporation	TRANSPARENT CATHETERS FOR ENDOSCOPIC LOCALIZATION
8348864	8-Jan-13	Cytec Corporation	UTERINE CAVITY LENGTH MEASUREMENT
8349564	8-Jan-13	GPI	METHOD FOR CONTINUOUS MODE PROCESSING OF THE CONTENTS OF MULTIPLE REACTION RECEPTACLES IN A REAL-TIME AMPLIFICATION ASSAY
8352014	8-Jan-13	Suros Surgical Systems Inc.	SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES
8354226	15-Jan-13	GPI	ASSAY FOR DETECTION OF HUMAN PARVOVIRUS B19 NUCLEIC ACID
8354232	15-Jan-13	Third Wave Technologies Inc.	T-STRUCTURE INVASIVE CLEAVAGE ASSAYS CONSISTENT NUCLEIC ACID DISPENSING AND LOW LEVEL TARGET NUCLEIC ACID DETECTION
8357103	22-Jan-13	Suros Surgical Systems Inc.	VACUUM ASSISTED BIOPSY NEEDLE SET
8360950	29-Jan-13	Hologic, Inc.	MULTILUMEN BRACHYTHERAPY BALLOON CATHETER

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8368882	5-Feb-13	GPI	SYSTEMS AND METHODS FOR DETECTING A SIGNAL AND APPLYING THERMAL ENERGY TO A SIGNAL TRANSMISSION ELEMENT
8372581	12-Feb-13	Cytec Corporation	METHODS FOR DETECTING ONCOFETAL FIBRONECTIN
8382650	26-Feb-13	Cytec Corporation	CATHETER MARKING FOR MULTI-LUMEN CATHETER IDENTIFICATION
8389245	5-Mar-13	Third Wave Technologies Inc.	DETECTION OF HPV
8398535	19-Mar-13	Hologic, Inc.	CATHETER ASSEMBLY FOR DELIVERING A RADIATION SOURCE INTO A BODY CAVITY
8399222	19-Mar-13	GPI	AMPLIFICATION AND DETECTION OF MICRORNAS IN PROSTATE CANCER
8403822	26-Mar-13	Cytec Corporation	PASSIVE VENT FOR BRACHYTHERAPY BALLOON CATHETERS
8416915	9-Apr-13	Hologic, Inc.	FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING
8420317	16-Apr-13	GPI	ALKALINE SHOCK-BASED METHOD OF PROCESSING A BIOLOGICAL SAMPLE
8430827	30-Apr-13	Suros Surgical Systems Inc.	VACUUM ASSISTED BIOPSY DEVICE
8433391	30-Apr-13	Suros Surgical Systems Inc.	SITE MARKER
8442623	14-May-13	Suros Surgical Systems Inc.	SITE MARKER VISIBLE UNDER MULTIPLE MODALITIES
8443808	21-May-13	Hologic, Inc.	METHODS AND APPARATUS FOR OCCLUSION OF BODY LUMENS
8445238	21-May-13	Third Wave Technologies Inc.	SNAP-BACK PRIMERS AND DETECTABLE HAIRPIN STRUCTURES
8452379	28-May-13	Hologic, Inc.	X-RAY MAMMOGRAPHY WITH TOMOSYNTHESIS

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
8457282	4-Jun-13	Hologic, Inc.	METHOD AND SYSTEM FOR CONTROLLING X-RAY FOCAL SPOT CHARACTERISTICS FOR TOMOSYNTHESIS AND MAMMOGRAPHY IMAGING
8460619	11-Jun-13	Cytec Corporation	MICROFLUIDIC APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS
8460869	11-Jun-13	GPI	METHODS AND COMPOSITIONS TO DETECT NUCLEIC ACIDS IN A BIOLOGICAL SAMPLE
8461324	11-Jun-13	GPI	COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID
8479742	9-Jul-13	Cytec Corporation	CONSTANT RATE DELIVERY DEVICE
8480976	9-Jul-13	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES
8486060	16-Jul-13	Cytec Corporation	POWER RAMPING DURING RF ABLATION
8491178	23-Jul-13	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES
8501410	6-Aug-13	GPI	OLIGONUCLEOTIDES FOR DETECTING HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE
8501461	6-Aug-13	GPI	SYSTEM FOR PERFORMING MULTI-FORMATTED ASSAYS
8506563	13-Aug-13	Cytec Corporation	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION
8509513	13-Aug-13	Hologic, Inc.	POST-ACQUISITION ADAPTIVE RECONSTRUCTION OF MRI DATA
8512955	20-Aug-13	GPI	METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION
8515005	20-Aug-13	Hologic, Inc.	TOMOSYNTHESIS WITH SHIFTING FOCAL SPOT AND OSCILLATING COLLIMATOR BLADES
8517906	27-Aug-13	Hologic, Inc.	BRACHYTHERAPY DEVICE

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8523826	3-Sep-13	Cytec Corporation	LUER-TYPE NEEDLE-FREE VALVE FITTING WITH BYPASS
8523856	3-Sep-13	Cytec Corporation	HEMOSTASIS DEVICE
8528563	10-Sep-13	Hologic, Inc.	SYSTEMS METHODS AND DEVICES FOR PERFORMING GYNECOLOGICAL PROCEDURES
8529468	10-Sep-13	Suros Surgical Systems Inc.	SURGICAL SYSTEM
8532745	10-Sep-13	Hologic, Inc.	BREAST BIOPSY AND NEEDLE LOCALIZATION USING TOMOSYNTHESIS SYSTEMS
8535621	17-Sep-13	GPI	PENETRABLE CAP HAVING RIB STRUCTURES
8540645	24-Sep-13	Hologic, Inc.	NEEDLE BIOPSY DEVICE AND RELATED METHOD
8546110	1-Oct-13	GPI	METHOD FOR DETECTING THE PRESENCE OF A NUCLEIC ACID IN A SAMPLE
8547402	1-Oct-13	Hologic, Inc.	DISPLAYING COMPUTER-AIDED DETECTION INFORMATION WITH ASSOCIATED BREAST TOMOSYNTHESIS IMAGE INFORMATION
8550086	8-Oct-13	Cytec Corporation	RADIOPAQUE IMPLANT
8550087	8-Oct-13	Cytec Corporation	IMPLANT DELIVERY DEVICE WITH EXPANDING TIP
8551082	8-Oct-13	Cytec Corporation	RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE
8551766	8-Oct-13	GPI	METHODS AND COMPOSITIONS TO DETECT NUCLEIC ACIDS IN A BIOLOGICAL SAMPLE
8552173	8-Oct-13	Third Wave Technologies Inc.	COMPOSITIONS PROBES AND CONJUGATES AND USES THEREOF
8553958	8-Oct-13	Hologic, Inc.	DISPLAYING AND NAVIGATING COMPUTER-AIDED DETECTION RESULTS IN A REVIEW WORKSTATION
8554309	8-Oct-13	Hologic, Inc.	LOCALIZING OBTURATOR WITH SITE MARKING CAPABILITY

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8559595	15-Oct-13	Hologic, Inc.	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID
8563707	22-Oct-13	GPI	COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC ACID
8565372	22-Oct-13	Hologic, Inc.	SYSTEM AND METHOD FOR LOW DOSE TOMOSYNTHESIS
8565374	22-Oct-13	Hologic, Inc.	INTEGRATED MULTI-MODE MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM AND METHOD
8565506	22-Oct-13	Hologic, Inc.	INTEGRATING AUXILLARY DETECTION AND VOTING ALGORITHMS INTO CLINICAL CAD WORKFLOW
8568424	29-Oct-13	Hologic, Inc.	HYSTEROSCOPIC TISSUE REMOVAL SYSTEM WITH IMPROVED FLUID MANAGEMENT AND/OR MONITORING CAPABILITIES
8569019	29-Oct-13	GPI	AUTOMATED METHOD FOR DETERMINING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SAMPLE
8569020	29-Oct-13	GPI	AUTOMATED ANALYZER FOR DETERMINING THE PRESENCE OF A TARGET NUCLEIC ACID IN A SPECIMEN
8571174	29-Oct-13	Hologic, Inc.	METHODS AND SYSTEMS FOR DETECTING POSSIBLE ERROR IN PATIENT POSITION
8571289	29-Oct-13	Hologic, Inc.	SYSTEM AND METHOD FOR GENERATING A 2D IMAGE FROM A TOMOSYNTHESIS DATA SET
8571292	29-Oct-13	Hologic, Inc.	BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS
8573072	5-Nov-13	GPI	METHOD FOR REMOVING A FLUID SUBSTANCE FROM A SEALED COLLECTION DEVICE

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8574253	5-Nov-13	Hologic, Inc.	METHOD SYSTEM AND DEVICE FOR TISSUE REMOVAL
8574847	5-Nov-13	GPI	METHODS FOR USE IN THE SELECTIVE AMPLIFICATION OF TARGET SEQUENCES
8574912	5-Nov-13	Cytec Corporation	METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS
8580574	12-Nov-13	GPI	AUTOMATIC ANALYZER FOR USE IN PERFORMING NUCLEIC ACID-BASED AMPLIFICATION REACTIONS
8586724	19-Nov-13	GPI	COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF CHLAMYDOPHILA PNEUMONIAE IN A TEST SAMPLE
8592183	26-Nov-13	GPI	DETERMINING THE SEQUENCE OF A POLYNUCLEOTIDE
8597289	3-Dec-13	Cytec Corporation	CERVICAL OPENING SEALING DEVICES
8609336	17-Dec-13	Third Wave Technologies Inc.	DETECTION OF SMALL NUCLEIC ACIDS
8609829	17-Dec-13	GPI	COMPOSITIONS AND METHODS TO DETECT LEGIONELLA PNEUMOPHILA NUCLEIC ACID
8615368	14-Dec-13	GPI	METHOD FOR DETERMINING THE AMOUNT OF AN ANALYTE IN A SAMPLE
8628924	14-Jan-14	GPI	METHODS AND COMPOSITIONS FOR QUANTITATIVE AMPLIFICATION AND DETECTION OVER A WIDE DYNAMIC RANGE
8634629	21-Jan-14	Hologic, Inc.	ESTIMATING RISK OF FUTURE BONE FRACTURE UTILIZING THREE-DIMENSIONAL BONE DENSITY MODEL
8636637	28-Jan-14	Hologic, Inc.	METHODS FOR ASYMMETRICAL IRRADIATION OF A BODY CAVITY
8637249	28-Jan-14	GPI	COMPOSITIONS KITS AND METHODS FOR DETECTION OF

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			CAMPYLOBACTER NUCLEIC ACID
8642268	4-Feb-14	GPI	METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION
8644908	4-Feb-14	Hologic, Inc.	IMAGING DEVICE FOR FUSED MAMMOGRAPHY WITH INDEPENDENTLY MOVEABLE IMAGING SYSTEMS OF DIFFERENT MODALITIES
8647349	11-Feb-14	Hologic, Inc.	SYSTEMS FOR PERFORMING GYNECOLOGICAL PROCEDURES WITH MECHANICAL DISTENSION
8647888	11-Feb-14	Hologic, Inc.	IMMUNOASSAY TEST STRIP FOR USE IN A DIAGNOSTIC SYSTEM
8662392	4-Mar-14	GPI	System and Method for Tracking Items During a Process
8663576	4-Mar-14	Hologic, Inc.	DETECTION OF INTRAAMNIOTIC INFECTION
8663922	4-Mar-14	GPI	SYSTEMS AND METHODS FOR DETECTING MULTIPLE OPTICAL SIGNALS
8669118	11-Mar-14	Cytoc Corporation	METHODS AND SYSTEMS FOR COLLECTING CELLS OF A BIOLOGICAL SPECIMEN
8679032	25-Mar-14	Suros Surgical Systems Inc.	VACUUM ASSISTED BIOPSY NEEDLE SET
8679789	25-Mar-14	GPI	OLIGONUCLEOTIDES COMPRISING A MOLECULAR SWITCH
8685347	1-Apr-14	GPI	PENETRABLE CAP
8688198	1-Apr-14	Suros Surgical Systems Inc.	SURGICAL SITE MARKER DELIVERY SYSTEM
8693634	8-Apr-14	Hologic, Inc.	SYSTEM AND METHOD FOR GENERATING ENHANCED DENSITY DISTRIBUTION IN A THREE DIMENSIONAL MODEL OF A STRUCTURE FOR USE IN SKELETAL ASSESSMENT USING A LIMITED NUMBER OF TWO DIMENSIONAL VIEW
8696545	15-Apr-14	Suros Surgical Systems Inc.	SYSTEM AND METHOD FOR MINIMALLY INVASIVE DISEASE THERAPY

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8702727	22-Apr-14	Cytoc Corporation	DELIVERY CATHETER WITH IMPLANT EJECTION MECHANISM
8703421	22-Apr-14	GPI	COMPOSITIONS KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF SALMONELLA
8705689	22-Apr-14	Hologic, Inc.	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES
8709814	29-Apr-14	GPI	METHOD FOR INCUBATING THE CONTENTS OF A RECEPTACLE
8712127	29-Apr-14	Hologic, Inc.	MATCHING GEOMETRY GENERATION AND DISPLAY OF MAMMOGRAMS AND TOMOSYNTHESIS IMAGES
8715939	6-May-14	GP GPI/Prodesse Inc.	COMPOSITIONS METHODS AND KITS TO DETECT ADENOVIRUS NUCLEIC ACIDS
8718948	6-May-14	GPI	SYSTEMS AND METHODS FOR DISTINGUISHING OPTICAL SIGNALS OF DIFFERENT MODULATION FREQUENCIES IN AN OPTICAL SIGNAL DETECTOR
8731712	20-May-14	Co-Owned by Gen-Probe Incorporated and Stratec Biomedical AG	METHOD AND APPARATUS FOR EFFECTING TRANSFER OF REACTION RECEPTACLES IN AN INSTRUMENT FOR MULTI-STEP ANALYTICAL PROCEDURES
8735055	27-May-14	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	INSTRUMENT AND RECEPTACLES FOR USE IN PERFORMING PROCESSES
8740763	3-Jun-14	Hologic, Inc.	MULTILUMEN BRACHYTHERAPY BALLOON CATHETER
8744041	3-Jun-14	Hologic, Inc.	METHODS AND SYSTEMS FOR DYNAMICALLY MODIFYING ACQUISITION PARAMETER DURING IMAGE ACQUISITION
8748133	10-Jun-14	GPI	COMPOSITIONS KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF LISTERIA

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8758214	24-Jun-14	Hologic, Inc.	RADIATION CATHETER WITH MULTILAYERED BALLOON
8759003	24-Jun-14	GPI	DETECTION OF WEST NILE VIRUS NUCLEIC ACIDS IN THE VIRAL 3' NON-CODING REGION
8764679	1-Jul-14	Suros Surgical Systems Inc.	BIOPSY APPARATUS
8765367	1-Jul-14	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.	INSTRUMENT AND RECEPTACLES FOR USE IN PERFORMING PROCESSES
8765418	1-Jul-14	Third Wave Technologies Inc.	DETECTION OF HPV
8767911	1-Jul-14	Hologic, Inc.	TOMOSYNTHESIS WITH SHIFTING FOCAL SPOT AND OSCILLATING COLLIMATOR BLADES
8768026	1-Jul-14	Hologic, Inc.	MARKER DETECTION METHOD AND ITS APPLICATION IN A PADDLE HEIGHT MEASUREMENT IN MAMMOGRAPHY
8785125	22-Jul-14	GPI	COMPOSITIONS REACTION MIXTURES AND METHODS FOR DETECTING NUCLEIC ACIDS FROM TYPE A1 AND/OR TYPE C1 HUMAN PAPILOMAVIRUS
8787522	22-Jul-14	Hologic, Inc.	UPRIGHT X-RAY BREAST IMAGING WITH A CT MODE MULTIPLE TOMOSYNTHESIS MODES AND A MAMMOGRAPHY MODE
8790879	29-Jul-14	GPI	PROBES FOR DETECTING THE PRESENCE OF TRICHOMONAS VAGINALIS IN A SAMPLE
8792689	29-Jul-14	Hologic, Inc.	MEASURING INTRAMUSCULAR FAT
8805049	12-Aug-14	Hologic, Inc.	REDUCING FALSE POSITIVES IN COMPUTER AIDED DETECTION
8808200	19-Aug-14	Suros Surgical Systems Inc.	SURGICAL DEVICE AND METHOD OF USING SAME
8814796	26-Aug-14	Hologic, Inc.	SYSTEM AND METHOD FOR TISSUE ABLATION IN A BODY CAVITY

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8828654	9-Sep-14	GPI	METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES
8828660	9-Sep-14	GPI	COMPOSITIONS REACTION MIXTURES AND METHODS FOR DETECTING NUCLEIC ACIDS FROM TYPE A1 AND/OR TYPE C1 HUMAN PAPILOMAVIRUS
8831171	9-Sep-14	Hologic, Inc.	FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING
8834487	16-Sep-14	Hologic, Inc.	SYSTEMS AND METHODS FOR PREVENTING INTRAVASATION DURING INTRAUTERINE PROCEDURES
8840625	23-Sep-14	Hologic, Inc.	SYSTEMS FOR PERFORMING GYNECOLOGICAL PROCEDURES WITH CLOSED VISUALIZATION LUMEN
8840626	23-Sep-14	Hologic, Inc.	SYSTEMS FOR PERFORMING GYNECOLOGICAL PROCEDURES WITH SIMULTANEOUS TISSUE CUTTING AND REMOVAL
8851077	7-Oct-14	Hologic, Inc.	METHODS AND APPARATUS FOR OCCLUSION OF BODY LUMENS
8852872	7-Oct-14	Cytec Corporation	METHODS FOR DETECTING ONCOFETAL FIBRONECTIN
8858464	14-Oct-14	Suros Surgical Systems Inc.	SURGICAL SYSTEM
8873716	28-Oct-14	Hologic, Inc.	METHOD AND SYSTEM FOR CONTROLLING X-RAY FOCAL SPOT CHARACTERISTICS FOR TOMOSYNTHESIS AND MAMMOGRAPHY IMAGING
8873824	28-Oct-14	Hologic, Inc.	BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS
8897535	25-Nov-14	Hologic, Inc.	SYSTEM AND METHOD FOR GENERATING A 2D IMAGE FROM A TOMOSYNTHESIS DATA SET
8897564	25-Nov-14	Hologic, Inc.	METHOD AND SYSTEM FOR AUTOMATIC IDENTIFICATION AND

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			ORIENTATION OF MEDICAL IMAGES
8911946	16-Dec-14	GPI	DETECTION OF ANTIBIOTIC-RESISTANT MICROORGANISMS
8911973	16-Dec-14	Third Wave Technologies Inc.	SNAP-BACK PRIMERS AND DETECTABLE HAIRPIN STRUCTURES
8921039	30-Dec-14	GPI	ASSAY FOR DETECTION OF HUMAN PARVOVIRUS NUCLEIC ACID
8927703	6-Jan-15	GPI	COMPOSITIONS KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF PSEUDOMONAS AERUGINOSA
8932817	13-Jan-15	GPI	METHODS AND COMPOSITIONS FOR QUANTITATIVE AMPLIFICATION AND DETECTION OVER A WIDE DYNAMIC RANGE
8939364	27-Jan-15	Co-Owned by Gen-Probe Incorporated and Stratec Biomedical AG	COVERED RACK FOR HOLDING FLUID RECEPTACLES
8942343	27-Jan-15	Hologic, Inc.	METHODS AND SYSTEMS FOR DYNAMICALLY MODIFYING ACQUISITION PARAMETER DURING IMAGE ACQUISITION
8948340	3-Feb-15	Hologic, Inc.	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID
8951274	10-Feb-15	Hologic, Inc.	METHODS OF HIGH RATE LOW PROFILE TISSUE REMOVAL
8964286	24-Feb-15	Hologic, Inc.	SYSTEM AND DEVICE FOR NON-DESTRUCTIVE RAMAN ANALYSIS
8964936	24-Feb-15	Hologic, Inc.	DEDICATED BREAST RADIATION IMAGING/THERAPY SYSTEM
8983166	17-Mar-15	Cytec Corporation	METHOD FOR AUTOMATICALLY SEEDING PREVIOUSLY-CLASSIFIED IMAGES AMONG IMAGES OF OBJECTS OF INTEREST FROM A

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			SPECIMEN
8986219	24-Mar-15	Hologic, Inc.	LUMEN OCCLUSION DETECTION
8986222	24-Mar-15	Suros Surgical Systems Inc.	BIOPSY APPARATUS
8998898	7-Apr-15	Cytec Corporation	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION
8999675	7-Apr-15	GPI	DENGUE VIRUS ASSAY
9011771	21-Apr-15	GPI	METHOD AND APPARATUS FOR EFFECTING AUTOMATED MOVEMENT OF A MAGNET IN AN INSTRUMENT FOR PERFORMING A MAGNETIC SEPARATION PROCEDURE
9011802	21-Apr-15	GPI	CONTAMINATION CONTROL FOR LIQUID HANDLING
9020579	18-Apr-15	Hologic, Inc.	SYSTEM AND METHOD DUAL ENERGY AND/OR CONTRAST ENHANCED BREAST IMAGING FOR SCREENING DIAGNOSIS AND BIOPSY
4250259	10-Feb-81	EXXON RESEARCH & ENGINEERING CO.	MICROBIOLOGICAL PRODUCTION OF KETONES FROM C3-C6 SECONDARY ALCOHOLS
5449769	12-Sep-95	GENPROBE INCORPORATED	METHOD AND REAGENT FOR SULFURIZATION OF ORGANOPHOSPHOROUS COMPOUNDS
5480784	2-Jan-96	GEN PROBE INCORPORATED	NUCLEIC ACID SEQUENCE AMPLIFICATION METHODS
5429582	4-Jul-95	CYTYC CORPORATION	TUMOR TREATMENT

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5279941	18-Jan-94	CYTYC CORPORATION	DETERMINATION OF ENDOMETRIAL RECEPTIVITY TOWARD EMBRYO IMPLANTATION
5374718	12/20/1994	Gen-Probe Incorporated	NUCLEIC ACID PROBES TO CHLAMYDIA PNEUMONIAE
5305365	19-Apr-94	Hologic, Inc.	MAMMOGRAPHY SYSTEM WITH REARWARDLY TILTING MAMMOGRAPH
5319206	7-Jun-94	Direct Radiography Corp.	Method and Apparatus for Acquiring an X-Ray Image Using a Solid State Device
5661309	26-Aug-97	Direct Radiography Corp.	ELECTRONIC CASSETTE FOR RECORDING X-RAY IMAGES
5386024	1/31/1995	Gen-Probe Incorporated	METHOD TO PREPARE NUCLEIC ACIDS FROM A BIOLOGICAL SAMPLE USING LOW PH AND ACID PROTEASE
5403276	4-Apr-95	Suros Surgical Systems	APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL
5434047	7/18/1995	Gen-Probe Incorporated	ASSAY FOR POLYNUCLEOTIDES EMPLOYING OLIGONUCLEOTIDES TO ELIMINATE UNDESIRABLE CROSS REACTIONS
5468619	21-Nov-95	Cytec Corporation	SCREENING METHOD FOR IDENTIFYING WOMEN AT INCREASED RISK FOR IMMINENT DELIVERY
5541311	30-Jul-96	Suros Surgical Systems	NUCLEIC ACID ENCODING SYNTHESIS-DEFICIENT THERMOSTABLE DNA POLYMERASE

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6136529	10/24/2000	Gen-Probe Incorporated	NUCLEIC ACID PROBES TO MYCOBACTERIUM A VIUM COMPLEX
5370135	6-Dec-94	Cytoc Corporation	USE OF ESTRIOL MEASUREMENT TO MONITOR TOCOLYTIC THERAPY
5423844	13-Jun-95	Suros Surgical Systems	ROTARY SURGICAL CUTTING INSTRUMENT
5432834	11-Jul-95	Hologic, Inc.	WHOLE-BODY DUAL-ENERGY BONE DENSITOMETRY USING A NARROW ANGLE FAN BEAM TO COVER THE ENTIRE BODY IN SUCCESSIVE SCANS
5526394	11-Jun-96	Hologic, Inc.	DIGITAL SCAN MAMMOGRAPHY APPARATUS
5554516	9/10/1996	Gen-Probe Incorporated	NUCLEIC ACID SEQUENCE AMPLIFICATION METHOD, COMPOSITION AND KIT
5471994	5-Dec-95	Hologic, Inc.	METHOD AND APPARATUS FOR OBTAINING A CYTOLOGY MONOLAYER
5483960	16-Jan-96	Hologic, Inc.	MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA)
5501951	3/26/1996	Gen-Probe Incorporated	NUCLEIC ACID PROBES TO COCCIDIOIDES IMMITIS
5681698	10/28/1997	Gen-Probe Incorporated	23S rRNA NUCLEIC ACID PROBES TO MYCOBACTERIUM KANSASII

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5585481	12/17/1996	Gen-Probe Incorporated	LINKING REAGENTS FOR NUCLEOTIDE PROBES
5426685	20-Jun-95	Hologic, Inc.	STEREOTACTIC MAMMOGRAPHY IMAGING SYSTEM
5401272	28-Mar-95	Cytec Corporation	MULTIMODALITY PROBE WITH EXTENDABLE BIPOLAR ELECTRODES
5723597	3/3/1998	Gen-Probe Incorporated	RIBOSOMAL NUCLEIC ACID PROBES FOR DETECTING ORGANISMS OR GROUPS OF ORGANISMS
5541308	7/30/1996	Gen-Probe Incorporated	NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NONVIRAL ORGANISMS
5411513	2-May-95	Suros Surgical Systems	TRANSMISSION MECHANISM FOR A SURGICAL CUTTING INSTRUMENT
5612200	3/18/1997	Gen-Probe Incorporated	METHOD AND KIT FOR DESTROYING ABILITY OF NUCLEIC ACID TO BE AMPLIFIED
5602042	11-Feb-97	Cytec Corporation	METHOD AND APPARATUS FOR MAGNETICALLY SEPARATING BIOLOGICAL PARTICLES FROM A MIXTURE
5480776	2-Jan-96	Cytec Corporation	METHOD FOR PREDICTION OF PREMATURE LABOR
5639599	6/17/1997	Gen-Probe Incorporated	AMPLIFICATION OF NUCLEIC ACIDS FROM MONONUCLEAR CELLS USING IRON COMPLEXING AND OTHER AGENTS

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5614402	25-Mar-97	Third Wave Technologies	5' NUCLEASES DERIVED FROM THERMOSTABLE DNA POLYMERASE
5514557	5/7/1996	Gen-Probe Incorporated	METHOD AND KIT FOR DETECTING ANTIBODIES SPECIFIC FOR HLA AND/OR PLATELET GLYCOPROTEINS
5451503	9/19/1995	Gen-Probe Incorporated	METHOD FOR USE OF BRANCHED NUCLEIC ACID PROBES
5516702	14-May-96	Cytec Corporation	SCREENING METHOD FOR IDENTIFYING WOMEN AT RISK FOR IMMINENT DELIVERY
5733781	03/31/1998	Gen-Probe Incorporated	OLIGONUCLEOTIDES AND METHODS FOR INHIBITING PROPAGATION OF HUMAN IMMUNODEFICIENCY VIRUS
5629413	5/13/1997	Gen-Probe Incorporated	OLIGONUCLEOTIDES WITH ACTIVITY AGAINST-HUMAN IMMUNODEFICIENCY VIRUS
5558990	9/24/1996	Gen-Probe Incorporated	NUCLEIC ACID PROBES TO BLASTOMYCES DERMATITIDIS AND PARACOCCIDIODES BRASILIENSIS
5503802	2-Apr-96	Cytec Corporation	APPARATUS FOR COLLECTION AND TRANSFER OF PARTICLES AND MANUFACTURE THEREOF
5595874	1/21/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NONVIRAL ORGANISMS
5572998	12-Nov-96	Hologic, Inc.	SYSTEM FOR RADIOLOGICALLY SCANNING THE SPINE FOR MEASURING BONE DENSITY

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5556716	17-Sep-96	Direct Radiography Corp.	X-RAY PHOTOCONDUCTIVE COMPOSITIONS FOR X-RAY RADIOGRAPHY
5656427	8/12/1997	Gen-Probe Incorporated	NUCLEIC ACID HYBRIDIZATION ASSAY PROBES, HELPER PROBES AND AMPLIFICATION OLIGONUCLEOTIDES TARGETED TO MYCOPLASMA PNEUMONIAE NUCLEIC ACID
5547842	8/20/1996	Gen-Probe Incorporated	NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NONVIRAL ORGANISMS
5441498	15-Aug-95	Cytoc Corporation	METHOD OF USING A MULTIMODALITY PROBE WITH EXTENDABLE BIPOLAR ELECTRODES
5611767	18-Mar-97	Cytoc Corporation	RADIATION TREATMENT OF TUMORS USING INFLATABLE DEVICES
5599667	2/4/1997	Gen-Probe Incorporated	POLYCATIONIC SUPPORTS AND NUCLEIC ACID PURIFICATION, SEPARATION AND HYBRIDIZATION
5669876	23-Sep-97	Suros Surgical Systems	METHOD FOR MINIMALLY INVASIVE TISSUE REMOVAL
5514551	5/7/1996	Gen-Probe Incorporated	COMPOSITIONS FOR THE DETECTION OF CHLAMYDIA TRACHOMATIS
5766849	6/16/1998	Gen-Probe Incorporated	METHODS OF AMPLIFYING NUCLEIC ACIDS USING PROMOTER-CONTAINING PRIMER SEQUENCE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5593841	1/14/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES FOR DETECTION AND/OR QUANTITATION OF NONVIRAL ORGANISMS
5498880	12-Mar-96	Direct Radiography Corp.	IMAGE CAPTURE PANEL USING A SOLID STATE DEVICE
5575293	19-Nov-96	Suros Surgical Systems	APPARATUS FOR COLLECTING AND STAGING TISSUE
5622827	4/22/1997	Gen-Probe Incorporated	AMPLIFICATION PRIMERS AND NUCLEIC ACID PROBES TARGETED TO COCCIDIODES IMMITIS NUCLEIC ACID
5481586	2-Jan-96	Hologic, Inc.	AUTOMATIC POSITION CONTROL SYSTEM FOR X-RAY MACHINES
5556771	9/17/1996	Gen-Probe Incorporated	STABILIZED COMPOSITIONS OF REVERSE TRANSCRIPTASE AND RNA POLYMERASE FOR NUCLEIC ACID
5609152	11-Mar-97	Hologic, Inc.	PRONE POSITION STEREOTACTIC MAMMOGRAPHY NEEDLE BIOPSY APPARATUS AND METHOD FOR USING THE SAME
5738987	4/14/1998	Gen-Probe Incorporated	16S RIBOSOMAL NUCLEIC ACID PROBES TO STREPTOCOCCUS PNEUMONIAE
5594769	14-Jan-97	Hologic, Inc.	METHOD AND APPARATUS FOR OBTAINING STEREOTACTIC MAMMOGRAPHIC GUIDED NEEDLE BREAST BIOPSIES
5606589	25-Feb-97	Hologic, Inc.	AIR CROSS GRIDS FOR MAMMOGRAPHY AND METHODS FOR THEIR MANUFACTURE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
			AND USE
5656207	8/12/1997	Gen-Probe Incorporated	DETECTING OR QUANTIFYING MULTIPLE ANAL YTES USING LABELING TECHNIQUES
5614387	3/25/1997	Gen-Probe Incorporated	METHOD OF MAKING STABILIZED ENZYME COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION
5512445	4/30/1996	Gen-Probe Incorporated	METHODS FOR THE DETECTION OF CHLAMYDIA TRACHOMATIS
5683876	11/4/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING PROTEUS MIRABILIS
5739309	4/14/1998	Gen-Probe Incorporated	ENHANCEMENT OF OLIGONUCLEOTIDE INHIBITION OF PROTEIN PRODUCTION, CELLS PROLIFERATION, AND/ OR MULTIPLICATION OF INFECTIOUS DISEASE PATHOGENS
5677127	10/14/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING GROUP I PSEUDOMONAS
5677128	10/14/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING MYCOBACTERIUM
5677129	10/14/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING LEGIONELLA

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5693468	12/2/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING CHLAMYDIA TRACHOMATIS
7138516	11/21/2006	Gen-Probe Incorporated	OLIGONUCLEOTIDE PROBES FOR THE DETECTION AND/OR QUANTITATION OF NONVIRAL ORGANISMS
5691149	11/25/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHOD FOR DETECTING MYCOPLASMA PNEUMONIAE
5693469	12/2/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING ESCHERICHIA COLI
5679520	10/21/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING EUBACTERIA
5714321	2/3/1998	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING SALMONELLA
7090972	8/15/2006	Gen-Probe Incorporated	METHODS FOR DETECTING THE PRESENCE OF NONVIRAL ORGANISMS
7087742	8/8/2006	Gen-Probe Incorporated	OLIGONUCLEOTIDE PROBES FOR DETECTION AND/OR QUANTITATION OF NONVIRAL ORGANISMS
5674684	10/7/1997	Gen-Probe Incorporated	NUCLEIC ACID PROBES AND METHODS FOR DETECTING CAMPYLOBACTERS
5714324	2/31/1998	Gen-Probe Incorporated	METHODS FOR PRODUCING HYBRIDIZATION PROBES SPECIFIC FOR rRNA SUBUNIT SUBSEQUENCES

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5738988	4/14/1998	Gen-Probe Incorporated	METHOD FOR DETECING ANTIMICROBIAL AGENTS OR UNKNOWN ORGANSIMS IN A SAMPLE USING RIBOSOMAL PROBE HYBRIDIZATION
5738989	4/14/1998	Gen-Probe Incorporated	METHOD FOR DETERMING THE SENSITIVITY OF MICROORGANISMS TO ANTIMICROBIAL AGENTS USING RIBOSOMAL NUCLEIC ACID HYBRIDIZATION
5612183	3/18/1997	Gen-Probe Incorporated	METHOD FOR DETERMINING THE EFFECT OF ANTIMICROBIAL AGENTS ON GROWTH USING RIBOSOMAL NUCLEIC ACID SUBUNIT SUBSEQUENCE SPECIFIC PROBES
5641632	6/24/1997	Gen-Probe Incorporated	METHOD FOR PREP A RING rRNA FOR HYBRIDIZATION WITH A PROBE
5712385	1/27/1998	Gen-Probe Incorporated	DETECTION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE I
5691142	25-Nov-97	Third Wave Technologies	DETECTION OF TARGET NUCLEIC ACID MOLECULES USING SYNTHESIS-DEFICIENT THERMOSTABLE DNA POLYMERASE
5643304	1-Jul-97	Suros Surgical Systems	METHOD AND APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL
5652126	7/29/1997	Gen-Probe Incorporated	USE OF RESTRICTION ENDONUCLEASE SEQUENCES FOR CLEAVING PHOSPHOROTHIOATE OLIGONUCLEOTIDES

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
5696251	12/9/1997	Gen-Probe Incorporated	NON-NUCLEOTIDE LINKING REAGENTS FOR NUCLEOTIDE PROBES
5685840	11-Nov-97	Suros Surgical Systems	METHOD AND APPARATUS FOR MINIMALLY INVASIVE TISSUE REMOVAL
5888729	3/30/1999	Gen-Probe Incorporated	OLIGONUCLEOTIDE PROBES AND METHODS FOR DETECTING STREPTOCOCCUS PNEUMONIAE
5656744	8/12/1997	Gen-Probe Incorporated	METHODS FOR MAKING NUCLEOTIDE POLYMERS USING NOVEL LINKING REAGENTS
5748705	5-May-98	Hologic, Inc.	X-RAY BONE DENSITOMETRY
5687211	11-Nov-97	Hologic, Inc.	BIBESUBSTRATE SCANNING SYSTEM AND METHOD FOR SELECTING SCAN PARAMETRIC VALUES USING XRAY THICKNESS MEASUREMENT
5786208	7/28/1998	Gen-Probe Incorporated	METHOD FOR EXTRACTING NUCLEIC ACIDS FROM A WIDE RANGE OF ORGANISMS
5744299	4/28/1998	Gen-Probe Incorporated	HUMAN PARAINFLUENZA VIRUS-I ASSAY
5756709	5/26/1998	Gen-Probe Incorporated	COMPOSITIONS FOR THE SIMULTANEOUS DETECTION AND QUANTIFICATION OF MULTIPLE SPECIFIC NUCLEIC ACID SEQUENCES
5827656	10/27/1998	Gen-Probe Incorporated	COMPOSITIONS AND METHODS FOR THE SIMULTANEOUS DETECTION AND QUANTIFICATION OF

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
			MULTIPLE SPECIFIC NUCLEIC ACID SEQUENCES
5792614	11-Aug-98	Third Wave Technologies	DETECTION OF NUCLEIC ACIDS BY TARGETCATALYZED PRODUCT FORMATION
5658737	8/19/1997	Gen-Probe Incorporated	COMPOSITIONS AND METHODS FOR THE SIMULTANEOUS DETECTION AND QUANTIFICATION OF MULTIPLE SPECIFIC NUCLEIC ACID SEQUENCES
6583278	6/24/2003	Gen-Probe Incorporated	NUCLEIC ACID PROBES COMPLEMENTARY TO HUMAN PAPILLOMA VIRUS NUCLEIC ACID AND RELATED METHODS AND KITS
5935833	8/10/1999	Gen-Probe Incorporated	HIGHLY-PURIFIED RECOMBINANT REVERSE TRANSCRIPTASE
5837452	11/17/1998	Gen-Probe Incorporated	METHODS FOR EXTRACTING NUCLEIC ACIDS FROM A WIDE RANGE OF ORGANISMS BYNONLYTIC PERMEABILIZA TION
5846701	12/8/1998	Gen-Probe Incorporated	METHOD FOR SUPPRESSING INHJBITION OF ENZYMEMEDIATED REACTIONS BY IONIC DETERGENTS USING
5719028	17-Feb-98	Third Wave Technologies	CLEAVASE FRAGMENT LENGTH POLYMORPHISM
5888780	30-Mar-99	Third Wave Technologies	RAPID DETECTION AND IDENTIFICATION OF NUCLEIC ACID VARIANTS

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5972718	10/26/1999	Gen-Probe Incorporated	METHOD OF DETECTING HEPARIN-INDUCED THROMBOCYTOPENIA
5756011	5/26/1998	Gen-Probe Incorporated	DETECTING OR QUANTIFYING MULTIPLE ANAL YTES USING LABELING TECHNIQUES
5998195	12/7/1999	Gen-Probe Incorporated	HIGHLY -PURIFIED RECOMBINANT REVERSE TRANSCRIPTASE
5871975	2/16/1999	Gen-Probe Incorporated	METHOD FOR SUPPRESSING INHIBITION OF ENZYME MEDIATED NUCLEIC ACID AMPLIFICATION REACTIONS BY IONIC DETERGENTS
5840873	11/24/1998	Gen-Probe Incorporated	LABELED HYBRIDIZATION ASSAY PROBES USEFUL FOR THE DETECTION AND QUANTIFICATION OF MULTIPLE NUCLEIC ACID SEQUENCES
5919701	7/6/1999	Gen-Probe Incorporated	OLIGONUCLEOTIDES WITH ACTIVITY AGAINST HUMAN IMMUNODEFICIENCY VIRUS
6074826	6/13/2000	Gen-Probe Incorporated	NUCLEIC ACID AMPLIFICATION OLIGONUCLEOTIDES AND PROBES TO LYME DISEASE ASSOCIATED BORRELIA
6423237	23-Jul-02	Hologic, Inc.	METHOD AND APPARATUS FOR MANUALLY SEPARATING PARTICULATE MATTER FROM A LIQUID SPECIMEN
6217214	17-Apr-01	Hologic, Inc.	X-RAY BONE DENSITOMETRY APPARATUS

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5972717	10/26/1999	Gen-Probe Incorporated	METHOD AND KIT FOR DETECTING HEPARIN INDUCED THROMBOCYTOPENIA
6002959	14-Dec-99	Hologic, Inc.	MORPHOMETRIC X-RAY ABSORPTIOMETRY (MXA)
6046013	4/4/2000	Gen-Probe Incorporated	PROCESS FOR IDENTIFYING SPECIFIC ANTIBODIES ASSOCIATED WITH HLA PROCESS FOR IDENTIFYING SPECIFIC ANTIBODIES ASSOCIATED WITH HLA
5997560	7-Dec-99	Suros Surgical Systems	SURGICAL CUTTING INSTRUMENT
6066483	5/23/2000	Gen-Probe Incorporated	PURIFIED DNA POLYMERASE FROM BACILLUS STEAROTHERMOPHILUS ATTC 12980
6083148	4-Jul-00	Cytoc Corporation	TUMOR TREATMENT
6075879	13-Jun-00	Hologic, Inc.	METHOD AND SYSTEM FOR COMPUTER-AIDED LESION DETECTION USING INFORMATION FROM MULTIPLE IMAGES
6266435	24-Jul-01	Cytoc Corporation	COMPUTER-AIDED DIAGNOSIS METHOD AND SYSTEM
6296764	2-Oct-01	Hologic, Inc.	METHOD AND APPARATUS FOR MIXING AND SEPARATING PARTICULATE MATTER FROM A LIQUID SPECIMEN

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6214018	04-Nov-1998	Hologic, Inc.	METHOD AND APPARATUS FOR REMOVING TISSUE FROM A REGION OF INTEREST
6309384	30-Oct-01	Cytec Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION
6296639	12-Feb-1999	Cytec Corporation	APPARATUSES AND METHODS FOR INTERSTITIAL TISSUE REMOVAL
6352512	5-Mar-02	Hologic, Inc.	BONE ANALYSIS APPARATUS AND METHOD FOR CALIBRATION AND QUALITY ASSURANCE OF AN ULTRASONIC BONE ANALYSIS APPARATUS
6416218	9-Jul-02	Hologic, Inc.	LARGE AREA ARRAY SINGLE EXPOSURE DIGITAL MAMMOGRAPHY
6709815	23-Mar-04	Third Wave Technologies	TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
6535626	18-Mar-03	Hologic, Inc.	SPECIMEN PREVIEW AND INSPECTION SYSTEM
6158250	12-Dec-2000	Cytec Corporation	FLAT BED KNITTING MACHINE AND METHOD OF KNITTING
6379565	30-Apr-02	Hologic, Inc.	METHOD AND APPARATUS FOR MIXING AND SEPARATING PARTICULATE MATTER FROM A LIQUID SPECIMEN
6368803	9-Apr-02	Third Wave Technologies	DETECTION OF NUCLEIC ACIDS BY TARGETCATALYZED FORMATION

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
6673616	06-Jan-2004	Cytec Corporation	RAPID DETECTION AND IDENTIFICATION OF PATHOGENS
8026050	27-Sep-11	Third Wave Technologies	METHOD FOR MODIFYING AN OLIGONUCLEOTIDE
7368545	5/6/2008	Gen-Probe Incorporated	PCA3 MESSENGER RNA SPECIES IN BENIGN AND MALIGNANT PROSTATE TISSUES
7146031	5-Dec-06	Hologic, Inc.	METHOD AND SYSTEM FOR AUTOMATIC IDENTIFICATION AND ORIENTATION OF MEDICAL IMAGES
6531317	11-Mar-03	Hologic, Inc.	CYTOLOGICAL AND HISTOLOGICAL FIXATIVE COMPOSITION AND METHODS OF USE
6640001	10/28/2003	Hologic, Inc. (R2 Technology Inc.)	METHOD AND APPARATUS FOR FAST DETECTION OF LESIONS
6663626	16-Dec-2003	Cytec Corporation	APPARATUS AND METHODS FOR INTERSTITIAL TISSUE REMOVAL
7087381	8-Aug-06	Third Wave Technologies	DETECTION OF TARGET SEQUENCES BY CLEAVAGE OF NON-TARGET NUCLEIC ACIDS
7273696	25-Sep-07	Third Wave Technologies	KITS FOR THE DETECTION OF TARGET SEQUENCES
7067643	27-Jun-06	Third Wave Technologies	SYSTEMS FOR THE DETECTION OF TARGET SEQUENCES

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7174515	6-Feb-07	Hologic, Inc. (R2 Technology Inc.)	METHOD AND APPARATUS FOR INDEPENDENT DISPLAY IN A COMPUTER-AIDED DETECTION SYSTEM
7203348	10-Apr-07	Hologic, Inc.	METHOD AND APPARATUS FOR CORRECTION OF MAMMOGRAMS FOR NON-UNIFORM BREAST THICKNESS
6939670	6-Sep-05	Hologic, Inc.	CELL-BASED DETECTION AND DIFFERENTIATION OF LUNG CANCER
7485443	03-Feb-2009	Third Wave Technologies	SOLID-PHASE REACTIONS
7496398	24-Feb-2009	Hologic, Inc.	USER INTERFACE SYSTEM FOR MAMMOGRAPHIC IMAGER
7303869	04-Dec-2007	Third Wave Technologies	SOLID-PHASE REACTIONS
6891920	29-Nov-2002	Hologic, Inc.	AUTOMATED BACKGROUND PROCESSING MAMMOGRAPHIC IMAGE DATA
7192430	20-Mar-2007	Cytec Corporation	APPARATUSES AND METHODS FOR INTERSTITIAL TISSUE REMOVAL
7087052	08-Aug-2006	Cytec Corporation	APPARATUS AND METHOD FOR TREATING VENOUS REFLUX
7294126	13-Nov-2007	Cytec Corporation	APPARATUS AND METHOD FOR TREATING VENOUS REFLUX

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
7297780	20-Nov-07	Third Wave Technologies	REACTIVE FUNCTIONAL GROUPS FOR PREPARATION OF MODIFIED NUCLEIC ACID
7494456	24-Feb-09	Cytec Corporation	TISSUE POSITIONING SYSTEMS AND METHODS FOR USE WITH RADIATION THERAPY
7905822	15-March-2011	Cytec Corporation	BRACHYTHERAPY METHOD AND APPLICATOR FOR TREATMENT OF METASTATIC LESIONS IN A LOAD BEARING REGION
7731712	8-Jun-10	Cytec Corporation	METHOD AND SYSTEM FOR TRANSCERVICAL TUBAL OCCLUSION
7691573	6-Apr-10	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACIDS
7785852	31-Aug-10	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACIDS
7601496	13-Oct-09	Third Wave Technologies	CLEAVAGE OF NUCLEIC ACIDS
7508583	24-Mar-09	Cytec Corporation	BRACHYTHERAPY METHOD AND 2011 APPLICATOR FOR TREATMENT OF METASTATIC LESIONS IN A LOAD BEARING REGION
7666671	23-Feb-10	Cytec Corporation	METHODS FOR FIXING CYTOLOGICAL SAMPLES
7846160	7-Dec-10	Cytec Corporation	METHOD AND APPARATUS FOR STERILIZATION (**NATO**)

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7905862	15-Mar-11	Cytec Corporation	METHOD AND SYSTEM FOR DRUG DELIVERY
7905880	15-Mar-11	Cytec Corporation	METHOD AND APPARATUS FOR TUBAL OCCLUSION
8318500	27-Nov-12	Gen-Probe Incorporated	METHOD FOR AGITATING THE CONTENTS OF A REACTION RECEPTACLE WITHIN A TEMPERATURE-CONTROLLED ENVIRONMENT
7929743	19-Apr-11	Hologic, Inc.	DISPLAYING BREAST TOMOSYNTHESIS COMPUTER-AIDED DETECTION RESULTS
7744559	29-Jun-10	Cytec Corporation	SYSTEMS AND METHODS FOR DRUG INFUSION WITH FEEDBACK CONTROL
D420744	15-Feb-00	Cytec Corporation	SAMPLE VIAL
D676570	19-Feb-13	GPI	LATERAL FLOW ASSAY DEVICE
D433244	17-Oct-00	Cytec Corporation	DEVICE FOR ENCASING AN ASSAY TEST STRIP
D434153	21-Nov-00	Cytec Corporation	POINT OF CARE ANALYTE READER
D404731	26-Jan-99	Hologic, Inc.	THREE AXIS THREE BUTTON MOUSE

<u>Patent No.</u>	<u>Issued</u>	<u>Owner</u>	<u>Title</u>
D405073	2-Feb-99	Hologic, Inc.	THREE AXIS THREE BUTTON MOUSE
D410080	18-May-99	GPI	DIAGNOSTIC TESTING MACHINE
8081301	12/6/2011	GPI	ALKALINE SHOCK-BASED PREPARATION OF NUCLEIC ACIDS
8285020	9-Oct-12	Hologic, Inc.	IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS

U.S. PATENT APPLICATIONS

App Number	Filing Date	Application Title	Owner
10/478036	17-Nov-03	POLYNUCLEOTIDE SEQUENCING METHOD	GPI
11/073085	4-Mar-05	REAGENTS METHODS AND KITS FOR USE IN DEACTIVATING NUCLEIC ACIDS	GPI
11/832367	1-Aug-07	METHODS OF NON-SPECIFIC TARGET CAPTURE OF NUCLEIC ACIDS	GPI
11/847950	30-Aug-07	AFFINITY-SHIFTED PROBES FOR QUANTIFYING ANALYTE POLYNUCLEOTIDES	GPI
11/873818	17-Oct-07	AUTOMATIC ANALYZER FOR PERFORMING A NUCLEIC ACID-BASED ASSAY	GPI
11/923482	24-Oct-07	METHODS FOR PERFORMING A MEDICAL PROCEDURE	Hologic, Inc.
11/951853	6-Dec-07	METHOD AND DEVICE FOR DISTENDING A GYNECOLOGICAL CAVITY	Hologic, Inc.
11/957084	14-Dec-07	SYSTEMS AND METHODS FOR PROCESSING AN IMAGE OF A BIOLOGICAL SPECIMEN	Cytc Corporation

App Number	Filing Date	Application Title	Owner
11/959252	18-Dec-07	ASYMMETRIC RADIATION DOSING DEVICES AND METHODS FOR BRACHYTHERAPY	Cytc Corporation
11/965971	28-Dec-07	DIRECT MONITORING AND PCR AMPLIFICATION OF THE DOSAGE AND DOSAGE DIFFERENCE BETWEEN TARGET GENETIC REGIONS	GPI/Prodesse Inc.
12/143593	20-Jun-08	MULTI-CHANNEL OPTICAL MESASUREMENT INSTRUMENT	GPI
12/206536	8-Sep-08	POLYNUCLEOTIDE SEQUENCING METHOD	GPI
12/232842	25-Sep-08	ATRAUMATIC BALL TIP AND SIDE WALL OPENING	Cytc Corporation
12/333356	12-Dec-08	MULTI-CHAMBERED RECEPTACLES	Co-Owned by Gen-Probe Incorporated and Qualigen Inc.
12/344121	24-Dec-08	IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS	Hologic, Inc.
12/369214	11-Feb-09	FLEXIBLE MULTI-LUMEN BRACHYTHERAPY DEVICE	Cytc Corporation

App Number	Filing Date	Application Title	Owner
12/369236	11-Feb-09	SYSTEM AND METHOD FOR MODIFYING A FLEXIBILITY OF A BRACHYTHERAPY CATHETER	Cytec Corporation
12/386832	21-Apr-09	METHOD FOR DETECTING CHIKUNGUNYA VIRUS	GPI
12/408179	20-Mar-09	DETECTION OF A TARGET IN A PRESERVATIVE SOLUTION	Advandx/Cytec Corp
12/432675	29-Apr-09	LOW ADVANCE RATIO HIGH RECIPROCATION RATE TISSUE REMOVAL DEVICE	Hologic, Inc.
12/432686	29-Apr-09	TISSUE CUTTER WITH DIFFERENTIAL HARDNESS	Hologic, Inc.
12/463463	11-May-09	LUMEN VISUALIZATION AND SYSTEM FOR MULTI-LUMEN BALLOON CATHETER	Cytec Corporation
12/465323	13-May-09	INACTIVATABLE CAPTURE PROBES FOR USE IN THE SELECTIVE AMPLIFICATION OF TARGET SEQUENCES	GPI
12/646317	23-Dec-09	IMPLANT DELIVERY DEVICE	Hologic, Inc.
12/651824	4-Jan-10	NUCLEIC ACID SEQUENCE ANALYSIS	GPI

App Number	Filing Date	Application Title	Owner
12/689178	18-Jan-10	COMPOSITIONS AND METHODS TO DETECT TMPRSS2/ERG TRANSCRIPT VARIANTS IN PROSTATE CANCER	GPI
12/715132	1-Mar-10	COMPOSITIONS AND METHODS TO DETECT CANDIDA ALBICANS NUCLEIC ACID	GPI
12/715591	2-Mar-10	NEEDLE BREAST BIOPSY SYSTEM AND METHOD OF USE	Hologic, Inc.
12/730051	23-Mar-10	ESTIMATING VISCERAL FAT BY DUAL-ENERGY X-RAY ABSORPTIOMETRY	Hologic, Inc.
12/774229	5-May-10	METHOD AND KIT FOR IDENTIFYING ANTIBIOTIC-RESISTANT MICROORGANISMS	GPI
12/821608	23-Jun-10	COMPOSITIONS AND METHODS FOR DETECTING NUCLEIC ACID FROM MOLLICUTES	GPI
12/830574	6-Jul-10	COMPOSITIONS AND METHODS FOR DETECTING HEPATITIS B VIRUS	GPI
12/834448	12-Jul-10	REAL-TIME PATHOLOGY	Suros Surgical Systems Inc.

App Number	Filing Date	Application Title	Owner
12/843736	26-Jul-10	COMPOSITIONS AND METHODS TO DETECT CANDIDA ALBICANS NUCLEIC ACID	GPI
12/894888	30-Sep-10	USING A GUIDE MEMBER TO FACILITATE BRACHYTHERAPY DEVICE SWAP	Hologic, Inc.
12/965623	10-Dec-10	CHEMILUMINESCENT COMPOUNDS	GPI
12/985401	6-Jan-11	ORIENTING A BRACHYTHERAPY APPLICATOR	Hologic, Inc.
13/045966	11-Mar-11	VISCERAL FAT MEASUREMENT	Hologic, Inc.
13/083719	11-Apr-11	SECURING A MARKER WIRE	Hologic, Inc.
13/128384	9-May-11	COMPOSITIONS KITS AND METHODS FOR DETECTION OF CAMPYLOBACTER NUCLEIC ACID	GPI
13/164605	20-Jun-11	METHODS OF NUCLEIC ACID TARGET CAPTURE	GPI
13/173558	30-Jun-11	METHOD AND APPARATUS FOR IDENTIFYING ANALYTE-CONTAINING SAMPLES USING SINGLE-READ DETERMINATION OF ANALYTE AND PROCESS CONTROL SIGNALS	GPI
13/179430	8-Jul-11	ACCESS SYSTEM WITH REMOVABLE OUTFLOW CHANNEL	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
13/192828	28-Jul-11	METHOD SYSTEM AND APPARATUS FOR INCORPORATING CAPACITIVE PROXIMITY SENSING IN AN AUTOMATED FLUID TRANSFER PROCEDURE	GPI
13/198352	4-Aug-11	DETECTING AND QUANTIFYING PATIENT MOTION DURING TOMOSYNTHESIS SCANS	Hologic, Inc.
13/223866	1-Sep-11	INDEPENDENTLY ROTATABLE DETECTOR PLATE FOR MEDICAL IMAGING DEVICE	Hologic, Inc.
13/242895	23-Sep-11	METHODS AND KITS FOR USE IN THE SELECTIVE AMPLIFICATION OF TARGET SEQUENCES	GPI
13/302465	22-Nov-11	USER INTERFACE FOR MEDICAL IMAGE REVIEW WORKSTATION	Hologic, Inc.
13/325495	14-Dec-11	SYSTEM AND METHOD FOR FUSING THREE DIMENSIONAL IMAGE DATA FROM A PLURALITY OF DIFFERENT IMAGING SYSTEMS FOR USE IN DIAGNOSTIC IMAGING	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
13/344545	5-Jan-12	TISSUE REMOVAL SYSTEM	Hologic, Inc.
13/352901	18-Jan-12	METHOD AND APPARATUS FOR SPACING CELLULAR MATTER IN A CELL BLOCK	Cytec Corporation
13/380018	1-Jul-10	METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION	GPI
13/383318	10-Jan-12	SYSTEM FOR IMPROVED TISSUE-HANDLING AND IN LINE ANALYSIS OF THE TISSUE	Hologic, Inc.
13/447728	16-Apr-12	A VARIABLE STIFFNESS FLEXURE	Hologic, Inc.
13/479634	24-May-12	DETECTION OF NUCLEIC ACIDS	Third Wave Technologies Inc.
13/564550	1-Aug-12	SPECTRALLY-RESOLVED CHEMILUMINESCENT PROBES FOR SENSITIVE MULTIPLEX MOLECULAR QUANTIFICATION	GPI
13/567754	6-Aug-12	ANTIANDROGEN THERAPY MONITORING METHODS AND COMPOSITIONS	GPI

App Number	Filing Date	Application Title	Owner
13/570550	9-Aug-12	SYSTEM AND METHOD FOR OVERLAYING IMAGES OF DIFFERENT MODALITIES	Hologic, Inc.
13/589003	17-Aug-12	TISSUE REMOVAL SYSTEM	Hologic, Inc.
13/603132	13-Sep-12	MULTI-MODE TOMOSYNTHESIS/MAMMOGRAPHY GAIN CALIBRATION AND IMAGE CORRECTION USING GAIN MAP INFORMATION FROM SELECTED PROJECTION ANGLES	Hologic, Inc.
13/608522	10-Sep-12	TISSUE IRRADIATION	Hologic, Inc.
13/608876	10-Sep-12	Automated Sample Handling Instrumentation Systems Processes and Methods	GPI
13/738225	10-Jan-13	SWAB ASSEMBLY FOR SPECIMEN COLLECTION	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
13/739444	11-Jan-13	CERVICAL SEALING APPARATUS	Hologic, Inc.
13/758188	4-Feb-13	FUNDUS BUMPER MECHANICAL REFERENCE FOR EASIER MECHANISM DEPLOYMENT	Hologic, Inc.
13/784661	4-Mar-13	IMPLANT DELIVERY DEVICE	Hologic, Inc.
13/800040	13-Mar-13	INTRAUTERINE MEASUREMENT DEVICE	Hologic, Inc.
13/800352	13-Mar-13	INTRAUTERINE TREATMENT DEVICE WITH ARTICULATING ARRAY	Hologic, Inc.
13/801561	13-Mar-13	INTRAUTERINE CONTRACEPTIVE DEVICES	Hologic, Inc.
13/809854	12-Jul-11	COMPOSITIONS AND ASSAYS TO DETECT SWINE H1N1 INFLUENZA A VIRUS, SEASONAL H1 INFLUENZA A VIRUS AND SEASONAL H3 INFLUENZA A VIRUS	GPI
13/855837	3-Apr-13	INSTRUMENTS FOR MIXING THE CONTENTS OF A DETECTION CHANBER	GPI

App Number	Filing Date	Application Title	Owner
13/879572	15-Apr-13	Integrated Capture and Amplification of Target Nucleic Acid for Sequencing	GPI
13/894700	15-May-13	APPARATUS AND METHOD FOR DETECTING LYMPHEDEMA USING X-RAY SCANS	Hologic, Inc.
13/896828	17-May-13	X-RAY MAMMOGRAPHY WITH TOMOSYNTHESIS	Hologic, Inc.
13/912525	7-Jun-13	USE OF A FLUORESCENT PLASTIC TO DETECT FAILURE OF DETERIORATION	GPI
13/914281	10-Jun-13	INTRA-UTERINE DEVICE AND RELATED METHODS	Hologic, Inc.
13/924087	21-Jun-13	OLIGONUCLEOTIDES FOR DETECTING HUMAN PAPILLOMA VIRUS IN A TEST SAMPLE	GPI
13/941122	12-Jul-13	METHODS FOR ANALYSIS OF NUCLEIC ACID MOLECULES DURING AMPLIFICATION REACTIONS	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
13/952338	26-Jul-13	DUAL REFERENCE CALIBRATION METHOD AND SYSTEM FOR QUANTIFYING POLYNUCLEOTIDES	GPI
13/956022	31-Jul-13	SYSTEM METHOD AND APPARATUS FOR AUTOMATED INCUBATION	GPI
13/956060	31-Jul-13	APPARATUS SYSTEMS AND METHODS FOR PERFORMING THERMAL MELT ANALYSES AND AMPLIFICATIONS	GPI
13/956158	31-Jul-13	METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION	GPI
13/962178	8-Aug-13	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION	Cytc Surgical Products Limited Partnership
13/985313	14-Aug-13	TABLE FOR PERFORMING MEDICAL PROCEDURES	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
14/013775	29-Aug-13	PIVOTING PADDLE APPARATUS FOR MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM	Hologic, Inc.
14/014607	30-Aug-13	MULTIPHASE NUCLEIC ACID AMPLIFICATION	GPI
14/021624	9-Sep-13	BREAST BIOPSY AND NEEDLE LOCALIZATION USING TOMOSYNTHESIS SYSTEMS	Hologic, Inc.
14/031353	19-Sep-13	COMPOSITIONS AND METHODS FOR DETECTION OF HEPATITIS A VIRUS NUCLEIC	GPI
14/037138	25-Sep-13	DISPLAYING AND NAVIGATING COMPUTER-AIDED DETECTION RESULTS IN A REVIEW WORKSTATION	Hologic, Inc.
14/037821	26-Sep-13	DISPLAYING COMPUTER AIDED DETECTION INFORMATION WITH ASSOCIATED BREAST TOMOSYNTHESIS IMAGE INFORMATION	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
14/044611	2-Oct-13	SECUREMENT FOR A SURGICAL SITE MARKER AND DEPLOYMENT DEVICE FOR SAME	Suros Surgical Systems Inc.
14/046002	4-Oct-13	RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE	Cytc Surgical Products Limited Partnership
14/051104	10-Oct-13	TAGGED OLIGONUCLEOTIDES AND THEIR USE IN NUCLEIC ACID AMPLIFICATION METHODS	GPI
14/057061	18-Oct-13	SYSTEM AND METHOD FOR LOW DOSE TOMOSYNTHESIS	Hologic, Inc.
14/058385	21-Oct-13	INTEGRATED MULTI-MODE MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM AND METHOD	Hologic, Inc.
14/068158	31-Oct-13	METHOD AND APPARATUS FOR PREPARING CYTOLOGICAL SPECIMENS	Cytc Corporation

App Number	Filing Date	Application Title	Owner
14/075944	8-Nov-13	COMPOSITIONS AND METHODS TO DETECT LEGIONELLA PNEUMOPHILA NUCLEIC	GPI
14/109709	17-Dec-13	METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION	GPI
14/139244	23-Dec-13	LOCKING DEVICE	Hologic, Inc.
14/153261	13-Jan-14	METHODS OF USING OLIGONUCLEOTIDES COMPRISING A MOLECULAR SWITCH	GPI
14/158261	17-Jan-14	ESTIMATING RISK OF FUTURE BONE FRACTURE UTILIZING THREE DIMENSIONAL BONE DENSITY MODEL	Hologic, Inc.
14/175476	7-Feb-14	DETECTION OF INTRAAMNIOTIC INFECTION	Hologic, Inc.
14/176690	10-Feb-14	IMMUNOASSAY TEST STRIP FOR USE IN A DIAGNOSTIC SYSTEM	Hologic, Inc.
14/195718	3-Mar-14	System and Method for Tracking Items During a Process	GPI

App Number	Filing Date	Application Title	Owner
14/195793	3-Mar-14	SYSTEMS AND METHODS FOR DETECTING MULTIPLE OPTICAL SIGNALS	GPI
14/200460	7-Mar-14	INDEXING SIGNAL DETECTION MODULE	GPI
14/202665	10-Mar-14	SYSTEM AND METHOD FOR REVIEWING AND ANALYZING CYTOLOGICAL SPECIMENS	Hologic, Inc.
14/210042	13-Mar-14	INTERLOCKING CAP AND RECEPTACLE FOR AUTOMATED PROCESSES	GPI
14/210105	13-Mar-14	MULTI-WELL TRAY AND RACK THEREFOR	GPI
14/210127	13-Mar-14	REAGENT WELLS CONTAINING LYOPHILIZED REAGENTS	GPI

App Number	Filing Date	Application Title	Owner
14/210163	13-Mar-14	INTERLOCKING CAP AND RECEPTACLE WITH DETENT FEATURE AND METHOD AND APPARATUS FOR SEPARATING INTERLOCKED CAP AND RECEPTACLE	GPI
14/210182	13-Mar-14	FLUID CARTRIDGE	GPI
14/211056	14-Mar-14	APPARATUS FOR INDEXING AND AGITATING FLUID CONTAINERS	GPI
14/211668	14-Mar-14	EVAPORATION-CONTROLLING CONTAINER INSERTS	GPI
14/212261	14-Mar-14	SYSTEM AND METHOD FOR EXTENDING THE CAPABILITIES OF A DIAGNOSTIC	GPI

App Number	Filing Date	Application Title	Owner
14/215407	17-Mar-14	COMPOSITIONS KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF SALMONELLA	GPI
14/246281	7-Apr-14	SYSTEM AND METHOD FOR GENERATING ENHANCED DENSITY DISTRIBUTION IN A THREE DIMENSIONAL MODEL OF A STRUCTURE FOR USE IN SKELETAL ASSESSMENT USING A LIMITED NUMBER OF TWO-DIMENSIONAL	Hologic, Inc.
14/257856	21-Apr-14	DEVICE FOR CUSHIONING OF COMPRESSION SURFACES	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
14/259041	22-Apr-14	APPARATUS FOR TRANSFERRING REACTION RECEPTACLES BETWEEN A PLURALITY OF RECEPTACLE-RECEIVING STRUCTURES	Co-Owned by Gen-Probe Incorporated and Stratec Biomedical AG
14/261263	24-Apr-14	SOLUTIONS METHODS AND KITS FOR DEACTIVATING NUCLEIC ACIDS	GPI
14/263216	28-Apr-14	MATCHING GEOMETRY GENERATION AND DISPLAY OF MAMMOGRAMS AND TOMOSYNTHESIS	Hologic, Inc.
14/268107	2-May-14	COMPOSITIONS KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF LISTERIA	GPI
14/268969	2-May-14	SOLUTIONS METHODS AND KITS FOR DEACTIVATING NUCLEIC ACIDS	GPI

App Number	Filing Date	Application Title	Owner
14/273835	9-May-14	DETECTION OF WEST NILE VIRUS NUCLEIC ACIDS IN THE VIRAL 3' NON-CODING	GPI
14/284634	22-May-14	SYSTEM FOR IMPROVED TISSUE HANDLING AND IN LINE ANALYSIS OF THE TISSUE	Hologic, Inc.
14/292730	30-May-14	AUTOMATED SPECIMEN TRANSFER SYSTEM AND METHOD	Cytoc Corporation
14/330533	14-Jul-14	UPRIGHT X-RAY BREAST IMAGING WITH A CT MODE MULTIPLE TOMOSYNTHESIS MODES AND MAMMOGRAPHY MODE	Hologic, Inc.
14/336593	21-Jul-14	CAPTURE PROBES FOR USE IN DETECTING THE PRESENCE OF TRICHOMONAS VAGINALIS IN A SAMPLE	GPI

App Number	Filing Date	Application Title	Owner
14/356368	5-May-14	MOLECULAR ASSAY REAGENTS AND METHODS	GPI
14/360389	23-May-14	SYSTEM AND METHOD FOR GENERATING A 2D IMAGE USING MAMMOGRAPHY AND/OR TOMOSYNTHESIS IMAGE DATA	Hologic, Inc.
14/376530	4-Aug-14	SYSTEM AND METHOD FOR NAVIGATING A TOMOSYNTHESIS STACK USING SYNTHESIZED IMAGE DATA	Hologic, Inc.
14/405765	4-Dec-14	COMPOSITIONS AND METHODS FOR AMPLIFYING AND CHARACTERIZING HCV NUCLEIC ACID	GPI
14/414688	13-Jan-15	METHOD FOR DETECTING A MINORITY GENOTYPE	GPI

App Number	Filing Date	Application Title	Owner
14/428448	16-Mar-15	ABLATION DEVICE USING BIPOLAR STEAM GENERATION	Hologic, Inc.
14/444547	28-Jul-14	MEASURING INTRAMUSCULAR FAT	Hologic, Inc.
14/451259	4-Aug-14	DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN	GPI
14/451263	4-Aug-14	DETECTION OF NUCLEIC ACIDS FROM MULTIPLE TYPES OF HUMAN	GPI
14/460180	14-Aug-14	COMPOSITIONS AND METHODS FOR DETECTING HEV NUCLEIC ACID	GPI
14/463827	10-Mar-15	SYSTEM AND METHOD FOR SELECTING AND MODIFYING A HANGING PROTOCOL FOR DISPLAYING MRI INFORMATION	Hologic, Inc.
14/479931	8-Sep-14	FULL FIELD MAMMOGRAPHY WITH TISSUE EXPOSURE CONTROL TOMOSYNTHESIS AND DYNAMIC FIELD OF VIEW PROCESSING	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
14/490474	18-Sep-14	METHODS AND APPARATUS FOR OCCLUSION OF BODY LUMENS	Hologic, Inc.
14/497046	25-Sep-14	BIOPSY DEVICE WITH AUTOMATIC BIOPSY PARAMETER ADJUSTMENT	Hologic, Inc.
14/500434	29-Sep-14	BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS	Hologic, Inc.
14/507079	6-Oct-14	METHODS FOR DETECTING ONCOFETAL FIBRONECTIN	Hologic, Inc.
14/549604	21-Nov-14	SYSTEM AND METHOD FOR GENERATING A 2D IMAGE FROM A TOMOSYNTHESIS DATA SET	Hologic, Inc.
14/553533	25-Nov-14	BONE DENSITOMETER	Hologic, Inc.
14/555468	26-Nov-14	BIOPSY DEVICE LATCHING ASSEMBLY	Hologic, Inc.
14/555531	26-Nov-14	BIOPSY DEVICE ARMING MECHANISM	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
14/562922	8-Dec-14	METHODS AND COMPOSITIONS FOR QUANTITATIVE AMPLIFICATION AND DETECTION OVER A WIDE DYNAMIC RANGE	GPI
14/565099	9-Dec-14	DETECTION OF ANTIBIOTIC-RESISTANT MICROORGANISMS	GPI
14/574070	17-Dec-14	POWER MODULATED ENDOMETRIAL LINING TISSUE ABLATION	Cytc Surgical Products Limited Partnership
14/581919	23-Dec-14	COMPOSITIONS KITS AND RELATED METHODS FOR THE DETECTION AND/OR MONITORING OF PSEUDOMONAS AERUGINOSA	GPI
14/593719	9-Jan-15	IMAGE HANDLING AND DISPLAY IN X-RAY MAMMOGRAPHY AND TOMOSYNTHESIS	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
14/595826	13-Jan-15	MAMMOGRAPHY SYSTEM AND METHOD EMPLOYING OFFSET COMPRESSION PADDLES AUTOMATIC COLLIMATION AND RETRACTABLE ANTI-SCATTER GRID	Hologic, Inc.
14/600457	20-Jan-15	METHODS AND SYSTEMS FOR DYNAMICALLY MODIFYING ACQUISITION PARAMETER DURING IMAGE ACQUISITION	Hologic, Inc.
14/623360	15-Feb-15	DECORRELATED CHANNEL SAMPLING FOR DIGITAL IMAGING	Hologic, Inc.
14/635955	2-Mar-15	METHOD OF ISOLATING NUCLEIC ACID FROM SPECIMENS IN LIQUID-BASED CYTOLOGY PRESERVATIVES CONTAINING FORMALDEHYDE	GPI
14/635957	2-Mar-15	MOISTURE TRANSPORT SYSTEM FOR CONTACT ELECTROCOAGULATION	Cytc Surgical Products Limited Partnership

App Number	Filing Date	Application Title	Owner
29/485001	14-Mar-14	BIOPSY DEVICE	Hologic, Inc.
29/485006	14-Mar-14	BIOPSY DEVICE	Hologic, Inc.
29/503403	25-Sep-14	BIOPSY DEVICE OR PORTION THEREOF	Hologic, Inc.
29/504010	1-Oct-14	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	Hologic, Inc.
29/504834	9-Oct-14	MEDICAL CONSOLE	Hologic, Inc.
62/037309	14-Aug-14	APPARATUS FOR RELEASABLY HOLDING AN ELONGATED OBJECT IN A PREDETERMINED ORIENTATION	GPI
62/051672	17-Sep-04	METHOD OF PARTIAL LYSIS AND ASSAY	Hologic, Inc.
62/051675	17-Sep-14	SEPARABLE SPECIMEN COLLECTION DEVICE	Hologic, Inc.
62/055338	25-Sep-14	BIOPSY DEVICE WITH ASPIRATION VALVE	Hologic, Inc.
62/055610	25-Sep-14	BIOPSY DEVICE	Hologic, Inc.
62/061081	7-Oct-14	ENDOMETRIAL LINING TISSUE TREATMENT DEVICE	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
62/066468	21-Oct-14	METHOD AND APPARATUS FOR PRINTING ON AN OBJECT HAVING A CURVED SURFACE	GPI
62/076880	7-Nov-14	PIVOTING PADDLE APPARATUS FOR MAMMOGRAPHY/TOMOSYNT HESIS X-RAY SYSTEM	Hologic, Inc.
62/101907	9-Jan-15	METHODS AND COMPOSITIONS FOR DIAGNOSING BACTERIAL VAGINOSIS	GPI
62/121197	26-Feb-15	METHODS FOR PHYSIOLOGICAL STATE DETERMINATION IN BODY SCANS	Hologic, Inc.
62/133881	16-Mar-15	METHODS AND COMPOSITIONS FOR DETECTING BACTERIAL NUCLEIC ACID AND DIAGNOSING BACTERIAL VAGINOSIS	GPI

App Number	Filing Date	Application Title	Owner
10/142666	08-May-02	OLIGONUCLEOTIDE PROBES AND PRIMERS COMPRISING UNIVERSAL BASES FOR THERAPEUTIC PURPOSES	GPI
10/941244	15-Sep-04	ADJUSTABLE SURGICAL CUTTING INSTRUMENT AND CAM SYSTEM FOR USE IN SAME	Suros Surgical Systems
11/232335	20-Sep-05	DIAGNOSIS OF FETAL ANEUPLOIDY	Hologic, Inc.
11/313444	20-Dec-05	UTERINE CAVITY LENGTH MEASUREMENT	Cytec Corporation
11/516277	6-Sep-06	LOCALIZING OBTURATOR	Suros Surgical Systems
11/564244	28-Nov-06	SIDE-ARM PORT INTRODUCER	Cytec Corporation
11/667296	8-May-07	VIAL ASSEMBLY, SAMPLING APPARATUS AND METHOD FOR PROCESSING LIQUID-BASED SPECIMENS	Hologic, Inc.
11/693534	29-Mar-07	FLEXIBLE NEEDLE GUIDE	Suros Surgical Systems
11/852913	10-Sep-07	COMPRESSIBLE DEPLOYMENT DEVICE	Suros Surgical Systems
11/875560	19-Oct-07	ADAPTER ASSEMBLY	Suros Surgical Systems
11/923357	24-Oct-07	MECHANICAL DISTENSION SYSTEMS FOR PERFORMING A MEDICAL PROCEDURE IN A REMOTE SPACE	Hologic, Inc.
61/597958	13-Feb-12	SYSTEM AND METHOD FOR NAVIGATING A TOMOSYNTHESIS STACK	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
		USING SYNTHESIZED IMAGE DATA	
61/598951	15-Feb-12	A METHOD AND APPARATUS FOR MINIMIZING DATA TRANSMISSION VOLUME IN BREAST TOMOSYNTHESIS BY PROVIDING HIGH RESOLUTION INFORMATION ON DEMAND AND DISPLAYING THAT INFORMATION TO A READER	Hologic, Inc.
61/603094	24-Feb-12	DETECTION OF SHIGA TOXIN GENES IN BACTERIA	GPI
61/611877	16-Mar-12	MRI DISPLAY INCLUDING CONTRAST AGENT CONCENTRATION AS A FUNCTION OF TIME	Hologic, Inc.
61/616688	28-Mar-12	MRI SCANNER	Hologic, Inc.
61/644710	09-May-12	MRI ASSISTED IMAGE GUIDED RADIATION	Hologic, Inc.
61/648,742	18-May-12	APPARATUS AND METHOD FOR DETECTING LYMPHEDEMA USING X-RAY SCANS	Hologic, Inc.
11/949882	4-Dec-07	BRACHYTHERAPY BALLOON FEATURES	Cytec Corporation
11/953718	10-Dec-07	METHOD AND APPARATUS FOR VERIFYING OCCLUSION OF FALLOPIAN TUBES	Cytec Corporation
11/959106	18-Dec-07	TARGET TISSUE LOCATOR FOR IMAGE GUIDED RADIOTHERAPY	Cytec Corporation

App Number	Filing Date	Application Title	Owner
11/961505	20-Dec-07	TARGETING OBTURATOR	Suros Surgical Systems
12/020294	25-Jan-08	SURGICAL SYSTEM	Suros Surgical Systems
12/098318	4-Apr-08	SYSTEM FOR USE IN PERFORMING A MEDICAL PROCEDURE AND INTRODUCER DEVICE SUITABLE FOR USE IN SAID SYSTEM	Hologic, Inc.
12/109638	25-Apr-08	TUBAL LIGATION	Hologic, Inc.
12/179251	24-Jul-08	SYSTEM AND DEVICE FOR NON-DESTRUCTIVE RAMAN ANALYSIS	Hologic, Inc.
12/241,349	30-Sep-08	AUTOMATED SYSTEM FOR PERFORMING NUCLEIC ACID-BASED AMPLIFICATION REACTIONS	GPI
12/285662	10-Oct-08	EXPANDABLE MEDICAL DEVICES WITH REINFORCED ELASTOMERIC MEMBERS AND METHODS EMPLOYING THE SAME	Hologic, Inc.
12/273295	18-Nov-08	UNIVERSAL NEEDLE GUIDE	Suros Surgical Systems
12/330176	8-Dec-08	DEVICE AND METHOD FOR DISPLAYING FEATURE MARKS RELATED TO FEATURES IN THREE DIMENSIONAL IMAGES ON REVIEW STATIONS	Hologic, Inc.
12/335348	15-Dec-08	SYSTEM AND METHOD FOR PROCESSING AND READING INFORMATION ON A BIOLOGICAL SPECIMEN SLIDE	Cytoc Corporation

App Number	Filing Date	Application Title	Owner
12/389350	19-Feb-09	COMPOSITIONS AND METHODS FOR DETECTION OF PROPIONIBACTERIUM ACNES NUCLEIC ACID	GPI
12/404240	13-Mar-09	COMPOSITIONS AND METHODS FOR ANALYSIS OF NUCLEIC ACID MOLECULES DURING AMPLIFICATION REACTIONS	Hologic, Inc.
12/422796	13-Apr-09	SYSTEM AND METHOD FOR MOLECULAR BREAST IMAGING WITH BIOPSY CAPABILITY AND IMPROVED TISSUE COVERAGE	Hologic, Inc.
12/432647	29-Apr-09	ACCESS DEVICE WITH ENHANCED WORKING CHANNEL	Hologic, Inc.
12/432702	29-Apr-09	TISSUE REMOVAL DEVICE WITH HIGH RECIPROCATION RATE	Hologic, Inc.
61/593829	1-Feb-12	ASYMMETRIC HAIRPIN TARGET CAPTURE OLIGOMERS	GPI
61/593522	01-Feb-12	MRI COIL DESIGN THAT INCORPORATES SENSING CIRCUITRY WITHIN THE ENCLOSURE FOR IMPROVED IMAGE QUALITY	Hologic, Inc.
61/563785	27-Nov-11	SYSTEM AND METHOD FOR GENERATING A 2D IMAGE USING MAMMOGRAPHY AND/OR TOMOSYNTHESIS IMAGE DATA	Hologic, Inc.
61/563785	27-Nov-11	SYSTEM AND METHOD FOR GENERATING A 2D IMAGE USING MAMMOGRAPHY AND/OR TOMOSYNTHESIS IMAGE DATA	Hologic, Inc.
61/561620	18-Nov-11	X-RAY MAMMOGRAPHY AND/OR BREAST TOMOSYNTHESIS USING A COMPRESSION PADDLE	Hologic, Inc.

App Number	Filing Date	Application Title	Owner
61/558927	11-Nov-11	MUTANT gp I B ALPHA	GPI
61/556384	7-Nov-11	SYSTEM AND METHOD FOR SELECTABLE PLANE RECONSTRUCTION OF BREAST TOMOSYNTHESIS IMAGES	Hologic, Inc.
61/556005	4-Nov-11	MOLECULAR ASSAY REAGENTS AND METHODS	GPI
61/539440	26-Sep-11	ALGORITHMS FOR SEQUENCE DETERMINATIONS	GPI
61/537452	21-Sep-11	METHODS FOR AMPLIFYING NUCLEIC ACID USING TAG-MEDIATED DISPLACEMENT	GPI
61/535401	16-Sep-11	BREAST BIOPSY LATERAL ARM SYSTEM	Hologic, Inc.
61/532765	9-Sep-11	AUTOMATED SAMPLE PREPARATION INSTRUMENTATION, SYSTEMS, PROCESSES, AND METHODS	GPI
61/532367	8-Sep-11	COMPOSITIONS AND METHODS FOR DETECTING BY-ASSOCIATED BACTERIAL NUCLEIC ACID	GPI
61/531580	6-Sep-11	CIRCULARIZED TEMPLATES FOR SEQUENCING	GPI
61/530044	1-Sep-11	ADJUSTABLE HEAD COIL FOR MAGNETIC RESONANCE IMAGING	Hologic, Inc.
61/529189	30-Aug-11	COMPOSITIONS, METHODS AND REACTION MIXTURES FOR THE DETECTION OF MURINE	GPI

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		LEUKEMIA VIRUS-RELATED VIRUSES	
61/527698	26-Aug-11	SITE MARKER WITH EXPANDABLE AND/OR BIOABSORPABLE COMPONENT	Hologic, Inc.
61/521288	8-Aug-11	SIMULTANEOUS QUANTIFICATION OF MULTIPLE NUCLEIC ACID TARGETS USING CHEMILUMINESCENT PROBES	GPI
61/521288	8-Aug-11	SIMULTANEOUS QUANTIFICATION OF MULTIPLE NUCLEIC ACID TARGETS USING CHEMILUMINESCENT PROBES	GPI
61/515732	5-Aug-11	ANTIANDROGEN THERAPY MONITORING METHODS AND COMPOSITIONS	GPI
61/508597	15-Jul-11	COMPOSITIONS AND METHOD FOR DETECTING HUMAN PARVOVIRUS NUCLEIC ACID AND FOR DETECTING HEPATITIS A VIRUS NUCLEIC ACIDS IN SINGLE- PLEX OR MULTIPLEX ASSAYS	GPI
61/495620	10-Jun-11	SUPINE BREAST MRI	Hologic, Inc.
61/495171	9-Jun-11	DIAGNOSTIC DEVICES, METHODS AND SYSTEMS FOR DETECTING PLATELET FACTOR 4 (PF4)/HEPARIN ANTIBODIES	GPI
61/478753	25-Apr-11	COMPOSITIONS AND METHODS FOR DETECTING BY-ASSOCIATED BACTERIAL NUCLEIC ACID	GPI

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61/451285	10-Mar-11	METHODS AND COMPOSITIONS FOR THE SELECTION AND OPTIMIZATION OF OLIGONUCLEOTIDE TAG SEQUENCES	GPI
61/451027	9-Mar-11	SIMULTANEOUS QUANTIFICATION OF MULTIPLE NUCLEIC ACID TARGETS USING CHEMILUMINESCENT PROBES	GPI
13/464285	4-May-12	DNA SEQUENCING METHOD	GPI
13/352901	18-Jan-12	METHOD AND APPARATUS FOR SPACING CELLULAR MATTER IN A CELL BLOCK	Cytec Corporation
12/469407	20-May-09	POSITIONING MECHANISM FOR AN INTRODUCER DEVICE	Suros Surgical Systems
12/565620	23-Sep-09	SYSTEMS, METHODS AND DEVICES FOR USING A FLOWABLE MEDIUM FOR DISTENDING A HOLLOW ORGAN	Hologic, Inc.
12/612422	4-Nov-09	INTRODUCER LOCALIZATION ASSEMBLIES	Suros Surgical Systems
12/693387	25-Jan-10	BIOMARKERS FOR DETECTION OF NEONATAL SEPSIS IN BIOLOGICAL FLUID	Hologic, Inc.
12/695103	27-Jan-10	CYTOLOGICAL IMAGING SYSTEMS AND METHODS	Cytec Corporation
12/711770	24-Feb-10	METHODS AND SYSTEMS FOR CONTROLLED THERMAL TISSUE	Cytec Corporation
12/717017	3-Mar-10	ABLATION DEVICE WITH SUCTION CAPABILITY	Cytec Corporation

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12/775752	7-May-10	RADIO-FREQUENCY GENERATOR FOR POWERING AN ABLATION DEVICE	Cytc Corporation
12/784702	21-May-10	METHOD AND SYSTEM FOR TRANSCERVICAL TUBAL OCCLUSION	Cytc Corporation
12/831205	6-Jul-10	METHODS FOR DETERMINING THE PRESENCE OF SARS CORONAVIRUS IN A SAMPLE	GPI
12/888801	23-Sep-10	TISSUE LOCALIZATION DEVICE AND METHOD	Hologic, Inc.
12/950901	19-Nov-10	LUMEN OCCLUSION DETECTION	Hologic, Inc.
13/029720	17-Feb-11	COMPOSITIONS AND METHODS TO DETECT ATOPOBIUM VAGINAE NUCLEIC ACID	GPI
13/031889	22-Feb-11	SYSTEM FOR CONTINUOUS MODE PROCESSING OF THE CONTENTS OF MULTIPLE REACTION RECEPTACLES IN A REAL-TIME AMPLIFICATION ASSAY	GPI
13/034103	24-Feb-11	METHOD AND APPARATUS FOR TUBAL OCCLUSION	Cytc
13/041972	7-Mar-11	METHOD AND SYSTEM FOR DRUG DELIVERY	Cytc
13/091881	21-Apr-11	TETHERED IMPLANT AND RELATED METHOD OF USE	Hologic, Inc.
13/152935	3-Jun-11	METHOD FOR ACCESSING THE CONTENTS OF A CLOSED VESSEL CONTAINING A SPECIMEN RETRIEVAL DEVICE	GPI

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13/175830	2-Jul-11	BIOPSY APPARATUS	Suros Surgical Systems
13/215081	22-Aug-11	METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES	GPI
13/216046	23-Aug-11	METHODS, SYSTEMS AND DEVICES FOR PERFORMING GYNECOLOGICAL PROCEDURES	Hologic, Inc.
13/243940	23-Sep-11	METHODS FOR MANIPULATING LIQUID SUBSTANCES IN MULTI-CHAMBERED RECEPTACLES	GPI
13/245483	26-Sep-11	ASSAY FOR DETECTING AND QUANTIFYING HIV-1	GPI
13/280253	24-Oct-11	ADJUSTABLE SPACER	Suros Surgical Systems
13/286920	1-Nov-11	MULTI-LUMEN INSTRUMENT FOR PROVIDING RADIATION TO A BODY CAVITY	Hologic, Inc.
13/302277	22-Nov-11	USER INTERFACE FOR MEDICAL IMAGE REVIEW WORKSTATION	Hologic, Inc.
61/702926	19-Sep-12	ABLATION DEVICE USING BIPOLAR STEAM GENERATION	Hologic, Inc.
61/672819	18-Jul-12	ADJUSTABLE HEAD COIL FOR MAGNETIC RESONANCE IMAGING	Hologic, Inc.
61/695106	30-Aug-12	MULTIPHASE NUCLEIC ACID AMPLIFICATION	GPI
61/677790	31-Jul-12	SYSTEM AND METHOD FOR PERFORMING MULTIPLEX THERMAL MELT ANALYSIS	GPI

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61/677976	31-Jul-12	SYSTEM, METHOD, AND APPARATUS FOR AUTOMATED INCUBATION	GPI
61/671298	31-Jul-12	COMPOSITIONS AND METHODS FOR DETECTING HUMAN PARVOVIRUS NUCLEIC ACID AND FOR DETECTING HEPATITIS A VIRUS NUCLEIC ACID IN SINGLE-PLEX OR MULTIPLEX ASSAYS	GPI
61/703639	20-Sep-12	METHOD FOR DETECTING A MINORITY GENOTYPE	GPI
61/655382	4-Jun-12	COMPOSITIONS AND METHODS FOR DETECTING BV-ASSOCIATED BACTERIAL NUCLEIC ACID	GPI
13/611502	12-Sep-12	BREAST BIOPSY LATERAL ARM SYSTEM	Hologic, Inc.
61/702926	19-Sep-12	ABLATION DEVICE USING BIPOlar STEAM GENERATION	Hologic, Inc.
61/729141	21-Nov-12	BREAST BIOPSY LATERAL ARM SYSTEM	Hologic, Inc.
61/727863	19-Nov-12	METHODS AND SYSTEMS FOR COULD BASED STUDY COLLECTION SERVICE OF IMAGE DATA	Hologic, Inc.
61/712332	11-Oct-12	COMPOSITIONS AND METHODS FOR DETECTING HUMAN PAPILLOMAVIRUS NUCLEIC ACID	GPI
61/725401	12-Nov-12	DETECTION OF SHIGA TOXIN GENES IN BACTERIA	GPI
61/783952	14-Mar-13	SYSTEM, METHOD, AND APPARATUS FOR AUTOMATED INCUBATION	GPI

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61/784994	14-Mar-13	SYSTEM AND METHOD FOR EXTENDING THE CAPABILITIES OF A DIAGNOSTIC ANALYZER	GPI
61/782320	14-Mar-13	SYSTEMS, METHODS, AND APPARATUSES FOR PERFORMING AUTOMATED REAGENT-BASED ASSAYS	GPI
61/792140	15-Mar-13	DUAL REFERENCE CALIBRATION METHOD AND SYSTEM FOR QUANTIFYING POLYNUCLEOTIDES	GPI
61/792409	15-Mar-13	INTERNAL CALIBRATION ADJUSTMENT METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT	GPI
61/783670	14-Mar-13	APPARATUS FOR INDEXING AND AGITATING FLUID CONTAINERS	GPI
61/782340	14-Mar-13	INDEXING SIGNAL DETECTION MODULE	GPI
61/773718	6-Mar-13	COMPOSITIONS, METHODS AND KITS TO DETECT HERPES SIMPLEX VIRUS NUCLEIC ACIDS	GPI
61/748854	4-Jan-13	COMPOSITIONS, METHODS AND KITS TO DETECT HERPES SIMPLEX VIRUS NUCLEIC ACIDS	GPI
61/784787	14-Mar-13	COIL SYSTEMS FOR MAGNETIC RESONANCE IMAGING	Hologic, Inc.
61/787009	15-Mar-13	EXTERNAL PELVIC COIL STRUCTURES AND METHODS	Hologic, Inc.
61/784273	14-Mar-13	COMPOSITIONS AND METHODS FOR ANALYSIS OF NUCLEIC ACID MOLECULES	Hologic, Inc.
61/790336	15-Mar-13	X-RAY SCATTER REDUCING DEVICE FOR USE WITH 2D AND 3D MAMMOGRAPHY	Third Wave Technologies, Inc.

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61/771963	21-Mar-13	APPLICATION OF MICROSECOND LIGHT PULSE AS A CHARGE RESET TECHNIQUE IN CdZnTe RADIATION DETECTORS	Hologic, Inc.
61/793437	15-Mar-13	SYSTEM AND METHOD FOR NAVIGATING A TOMOSYNTHESIS STACK INCLUDING AUTOMATIC FOCUSING	Hologic, Inc.
61/787825	15-Mar-13	TOMOSYNTHESIS-guided biopsy in prone	Hologic, Inc.
61/750840	22-Jan-13	METHOD AND APPARATUS FOR MINIMIZING DATA TRANSMISSION VOLUME IN BREAST TOMOSYNTHESIS BY PROVIDING HIGH RESOLUTION INFORMATION ON DEMAND AND DISPLAYING THAT INFORMATION TO A READER	Hologic, Inc.
61/756532	12-Feb-13	SYSTEM AND METHOD FOR SELECTABLE PLANE RECONSTRUCTION OF BREAST TOMOSYNTHESIS IMAGES	Hologic, Inc.
13/789322	7-Mar-13	MULTI-WELL PLATE AND METHOD OF USE	Hologic, Inc.
61/787975	15-Mar-13	SYSTEM AND METHOD FOR REVIEWING AND ANALYZING CYTOLOGICAL SPECIMENS	Hologic, Inc.
13/737778	9-Jan-13	SAMPLE VIAL CAP AND SAMPLE VIAL FOR USE IN PREPARING CYTOLOGICAL SPECIMEN AND METHOD OF PREPARING CYTOLOGICAL SPECIMEN	Hologic, Inc.
61/816202	26-Apr-13	X-RAY MAMMOGRAPHY AND/OR BREAST TOMOSYNTHESIS USING A	Hologic, Inc.

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		COMPRESSION PADDLE	
13/302086	22-Nov-11	BRACHYTHERAPY DEVICE FOR ASYMMETRICAL IRRADIATION OF A BODY CAVITY	Hologic, Inc.
13/299376	18-Nov-11	BRACHYTHERAPY DEVICE FOR FACILITATING ASYMMETRICAL IRRADIATION OF A BODY CAVITY	Hologic, Inc.
13/252579	4-Oct-11	TREATMENT OF A BODY CAVITY	Hologic, Inc.
13/708216	7-Dec-12	TEMPORARY CATHETER FOR BIOPSY SITE TISSUE FIXATION	Hologic, Inc.
61/815360	24-Apr-13	SURGICAL SYSTEM WITH EXPANDABLE SHIELD	Hologic, Inc.
13/867022	19-Apr-13	COMPOSITIONS AND METHODS FOR DETECTION OF PROPIONIBACTERIUM ACNES NUCLEIC ACID	Hologic, Inc.
61/865848	14-Aug-13	COMPOSITIONS AND METHODS FOR DETECTING HEV NUCLEIC ACID	GPI
61/909234	26-Nov-13	BIOPSY DEVICE	Hologic, Inc.
61/909016	26-Nov-13	SYSTEM FOR IMPROVED TISSUE HANDLING AND IN LINE ANALYSIS OF THE TISSUE	Hologic, Inc.
61/888825	9-Oct-13	X-RAY BREAST TOMOSYNTHESIS WITH DISPLAY OF HIGHLIGHTED SUSPECTED CALCIFICATIONS	Hologic, Inc.

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61/909014	26-Nov-13	BIOPSY DEVICE	Hologic, Inc.
61/894947	24-Oct-13	SYSTEM AND METHOD FOR NAVIGATING X-RAY GUIDED BREAST BIOPSY	Hologic, Inc.
61/908329	25-Nov-13	BONE DENSITOMETER	Hologic, Inc.
61/920152	23-Dec-13	POWER MODULATED ENDOMETRIAL LINING TISSUE ABLATION	Hologic, Inc.
14/061358	23-Oct-13	HYSTEROSCOPIC REMOVAL SYSTEM WITH IMPROVED FLUID MANAGEMENT AND/OR MONITORING CAPABILITIES	Hologic, Inc.
14/060454	22-Oct-13	CAPTURE PROBES FOR USE IN DETECTING THE PRESENCE OF TRICHOMONAS VAGINALIS IN A SAMPLE	GPI
14/139609	23-Oct-13	CUFF-RESISTANT ANCHORING BALLOON FOR MEDICAL DEVICE	Hologic, Inc.
61/949522	7-Mar-14	X-RAY MAMMOGRAPHY AND/OR BREAST TOMOSYNTHESIS USING A COMPRESSION PADDLE	Hologic, Inc.
61/950938	11-Mar-14	X-RAY MAMMOGRAPHY AND/OR BREAST TOMOSYNTHESIS USING A COMPRESSION PADDLE	Hologic, Inc.
61/951130	11-Mar-14	SYSTEM AND METHOD FOR SELECTING AND MODIFYING A HANGING PROTOCOL FOR DISPLAYING MRI INFORMATION	Hologic, Inc.
61/946417	28-Feb-14	SYSTEM AND METHOD FOR GENERATING AND DISPLAYING TOMOSYNTHESIS IMAGE SLABS	Hologic, Inc.

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61/953570	14-Mar-14	BIOPSY DEVICE	
61/941303	18-Feb-14	COMPOSITIONS AND METHODS FOR DETECTING HEV NUCLEIC ACID	GPI
61/946367	28-2-14	METHOD OF ISOLATING NUCLEIC ACID FROM SPECIMENS IN LIQUID-BASED CYTOLOGY PRESERVATIVES CONTAINING FORMALDEHYDE	GPI
61/949052	21-Mar-14	METHOD OF ISOLATING NUCLEIC ACID FROM SPECIMENS IN LIQUID-BASED CYTOLOGY PRESERVATIVES CONTAINING FORMALDEHYDE	GPI
14/384406	11-Sep-14	INFORMATION PROCESSING DEVICE, SIMULATION METHOD, AND PROGRAM	Omron Corporation
14/569339	12-Dec-14	ASSAY FOR DETECTION OF HUMAN PARVOVIRUS NUCLEIC ACID	GPI

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