

**U.S. Issued Patents Assigned to Theranos/Theranos IP Company**

Jursdiction	Patent No.	Title	Assignee	Inventors	Date Filed	Date Issued
USA	7291497 B2	Medical Device for Analyte Monitoring and Drug Delivery	Theranos, Inc.	Elizabeth A. Holmes; Shaunak Roy; John Howard; Chengwang Wang	9/10/2004	11/6/2007
USA	7635594 B2	Point-of-Care Fluidic Systems and Uses Thereof	Theranos, Inc.	Elizabeth A. Holmes; Shaunak Roy; John Howard; Chengwang Wang; Ian Gibbons; Timothy M. Kemp; Shize Daniel Qi	3/24/2006	12/22/2009
USA	7888125 B2	Calibration of Fluidic Devices	Theranos, Inc.	Ian Gibbons; Chengwang Wang; Shaunak Roy; Elizabeth A. Holmes	3/24/2006	2/15/2011
USA	8008034 B2	Reducing Optical Interference in a Fluidic Device	Theranos, Inc.	Ian Gibbons; Michael O'Connell	3/13/2007	8/30/2011
USA	8007999 B2	Real-Time Detection of Influenza Virus	Theranos, Inc.	Elizabeth A. Holmes; Ian Gibbons	5/9/2007	8/30/2011
USA	8012744 B2	Reducing Optical Interference in a Fluidic Device	Theranos, Inc.	Ian Gibbons; Michael O'Connell	10/13/2006	9/6/2011
USA	8088593 B2	Modular Point-of-Care Devices and Uses Thereof	Theranos, Inc.	Tammy Burd; Ian Gibbons; Elizabeth A. Holmes; Gary Frenzel; Anthony Joseph Nugent	10/2/2008	1/3/2012
USA	8101402 B2	Medical Device for Analyte Monitoring and Drug Delivery	Theranos, Inc.	Elizabeth A. Holmes	8/12/2005	1/24/2012
USA	8158430 B1	Systems and Methods of Fluidic Sample Processing	Theranos, Inc.	Shaunak Roy; Malissa Takahashi; Ian Gibbons; Edmond Ku; Thanh Dang; Tammy Burd; Adam Vollmer; Elizabeth A. Holmes	8/6/2008	4/17/2012
USA	8202697 B2	Medical Device for Analyte Monitoring and Drug Delivery	Theranos, Inc.	Elizabeth A. Holmes	8/12/2005	6/19/2012
USA	8265955 B2	Methods and Systems for Assessing Clinical Outcomes	Theranos, Inc.	Seth Michelson; Timothy Michael Kemp; Ian Gibbons; Elizabeth A. Holmes	9/26/2011	9/11/2012
USA	8283155 B2	Point-of-Care Fluidic Systems and Uses Thereof	Theranos, Inc.	Elizabeth A. Holmes; Shaunak Roy; John Howard; Chengwang Wang; Ian Gibbons; Timothy M. Kemp; Shize Daniel Qi	10/8/2009	10/9/2012
USA	8380541 B1	Systems and Methods For Collecting and Transmitting Assay Results	Theranos, Inc.	Elizabeth Holmes	9/26/2011	2/19/2013
USA	8392585 B1	Methods and Systems for Facilitating Network Connectivity	Theranos, Inc.	Sunny Balwani	9/26/2011	3/5/2013
USA	8435738 B2	Systems and Methods for Multi-Analysis	Theranos, Inc.	Elizabeth Holmes	9/26/2011	5/7/2013
USA	8470524 B2	Reducing Optical Interference in a Fluidic Device	Theranos, Inc.	Ian Gibbons; Michael O'Connell	7/21/2011	6/25/2013
USA	8475739 B2	Systems and Methods for Fluid Handling	Theranos, Inc.	Elizabeth Holmes; Joy Roy; John Kent Frankovich	9/26/2011	7/2/2013
USA	8538774 B2	Methods and Systems for Assessing Clinical Outcomes	Theranos, Inc.	Seth Michelson; Timothy Michael Kemp; Ian Gibbons; Elizabeth A. Holmes	9/10/2012	9/17/2013
USA	8669047 B2	Real-Time Detection of Influenza Virus	Theranos, Inc.	Elizabeth A. Holmes; Ian Gibbons	7/21/2011	3/11/2014
USA	8679407 B2	Systems and Methods for Improving Medical Treatments	Theranos, Inc.	Elizabeth A. Holmes; Ian Gibbons; John Howard; Shaunak Roy; Chengwang Wang; Timothy M. Kemp	3/24/2006	3/25/2014
USA	8697377 B2	Modular Point-of-Care Devices, Systems, and Uses Thereof	Theranos, Inc.	Tammy Burd; Ian Gibbons; Elizabeth A. Holmes; Gary Frenzel; Anthony Joseph Nugent	6/12/2013	4/15/2014
USA	8741230 B2	Systems and Methods of Sample Processing and Fluid Control in a Fluidic System	Theranos, Inc.	Elizabeth A. Holmes; Shaunak Roy; Ian Gibbons; Shize Daniel Qi; Edmond Ku; Chris Todd; Melissa Takahashi; Bruce Johnson; Jeff Fenton; Keith Moravick; Uwe Springborn; Anthony Delacruz	10/30/2006	6/3/2014
USA	8778665 B2	Detection and Quantification of Analytes in Bodily Fluids	Theranos, Inc.	Ian Gibbons; Shaunak Roy; Edmond Ku	3/30/2010	7/15/2014
USA	8822167 B2	Modular Point-of-Care Devices, Systems, and Uses Thereof	Theranos, Inc.	Tammy Burd; Ian Gibbons; Elizabeth A. Holmes; Gary Frenzel; Anthony Joseph Nugent	5/8/2013	9/2/2014

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USA	8841076 B2	Systems and Methods for Conducting Animal Studies	Theranos, Inc.	Elizabeth A. Holmes; Ian Gibbons; Timothy M. Kemp; John Howard; Shaunak Roy	3/24/2006	9/23/2014
USA	8840838 B2	Centrifuge Configurations	Theranos, Inc.	Elizabeth Holmes; John Kent Frankovich	9/26/2011	9/23/2014
USA	8862448 B2	Integrated Health Data Capture and Analysis System	Theranos, Inc.	Elizabeth A. Holmes; Ian Gibbons; Daniel L. Young; Seth G. Michelson	10/18/2010	10/14/2014
USA	8862750 B2	Methods and Systems for Network Connectivity	Theranos, Inc.	Sunny Balwani	2/11/2013	10/14/2014
USA	8883518 B2	Systems and Methods of Fluidic Sample Processing	Theranos, Inc.	Shaunak Roy; Melissa Takahashi; Ian Gibbons; Edmond Ku; Thanh Dang; Tammy Burd; Adam Vollmer; Elizabeth A. Holmes	3/30/2012	11/11/2014
USA	8984932 B2	Rapid Measurement of Formed Blood Component Sedimentation Rate from Small Sample Volumes	Theranos, Inc.	Mark Dayel; Samartha Anekal; Elizabeth A. Holmes	6/30/2014	3/24/2015
USA	9012163 B2	Modular Point-of-Care Devices, Systems, and Uses Thereof	Theranos, Inc.	Tammy Burd; Ian Gibbons; Elizabeth A. Holmes; Gary Frenzel; Anthony Joseph Nugent	7/24/2014	4/21/2015
USA	9051599 B2	Rapid, Low-Sample-Volume Cholesterol and Triglyceride Assays	Theranos, Inc.	Douglas Matje; Ian Gibbons; Paul Patel; Elizabeth A. Holmes	12/9/2013	6/9/2015
USA	9075046 B2	Fluidic Medical Devices and Uses Thereof	Theranos, Inc.	Timothy M. Kemp; Chris Todd; Ron Oral; Shulin Zeng; John Howard; Jeff Fenton	11/24/2009	7/7/2015
USA	9121851 B2	Modular Point-of-Care Devices, Systems, and Uses Thereof	Theranos, Inc.	Tammy Burd; Ian Gibbons; Elizabeth A. Holmes; Gary Frenzel; Anthony Joseph Nugent	5/13/2013	9/1/2015
USA	9128015 B2	Centrifuge Configurations	Theranos, Inc.	Elizabeth A. Holmes; John Kent Frankovich	9/9/2014	9/8/2015
USA	9131884 B2	Medical Device for Analyte Monitoring and Drug Delivery	Theranos, Inc.	Elizabeth A. Holmes; Shaunak Roy; John Howard; Chengwang Wang	3/16/2011	9/15/2015
USA	9176126 B2	Systems and Methods of Sample Processing and Fluid Control in a Fluidic System	Theranos, Inc.	Elizabeth A. Holmes; Shaunak Roy; Ian Gibbons; Shize Daniel Qi; Edmond Ku; Chris Todd; Melissa Takahashi; Bruce Johnson; Jeff Fenton; Keith Moravick; Uwe Springborn; Anthony Delacruz	5/6/2014	11/3/2015
USA	9182388 B2	Calibration of Fluidic Devices	Theranos, Inc.	Ian Gibbons; Chengwang Wang; Shaunak Roy; Elizabeth A. Holmes	1/7/2011	11/10/2015
USA	9250229 B2	Systems and Methods for Multi-Analysis	Theranos, Inc.	Elizabeth A. Holmes	2/18/2013	2/2/2016
USA	9268915 B2	Systems and Methods for Diagnosis or Treatment	Theranos, Inc.	Elizabeth Holmes; Sunny Balwani	9/26/2011	2/23/2016
USA	9273301 B2	Thermostable Blunt-End Ligase and Methods of Use	Theranos, Inc.	Frederick Christians	3/15/2014	3/1/2016
USA	9285366 B2	Modular Point-of-Care Devices, Systems, and Uses Thereof	Theranos, Inc.	Tammy Burd; Ian Gibbons; Elizabeth A. Holmes; Gary Frenzel; Anthony Joseph Nugent	3/26/2015	3/15/2016
USA	9303286 B2	Detection and Quantification of Analytes in Bodily Fluids	Theranos, Inc.	Ian Gibbons; Shaunak Roy; Edmond Ku	5/22/2014	4/5/2016
USA	9302264 B2	Devices, Systems, Methods, and Kits for Receiving a Swab	Theranos, Inc.	Clarissa Lui; Elizabeth A. Holmes	9/5/2014	4/5/2016
USA	9347867 B2	Rapid Measurement of Formed Blood Component Sedimentation Rate from Small Sample Volumes	Theranos, Inc.	Mark Dayel; Samartha Anekal; Elizabeth A. Holmes	7/18/2013	5/24/2016
USA	9359632 B2	Devices, Systems and Methods for Sample Preparation	Theranos, Inc.	Alexander Loo; Elizabeth A. Holmes	3/10/2014	6/7/2016
USA	9389229 B2	Methods for Detecting and Measuring Aggregation	Theranos, Inc.	Paul Patel; Samartha Anekal; Ian Gibbons; Elizabeth A. Holmes	7/17/2013	7/12/2016
USA	9386948 B2	Systems, Devices, and Methods for Bodily Fluid Sample Transport	Theranos, Inc.	Elizabeth A. Holmes; Clarissa Lui; Michael Chen; Daniel Young	12/5/2013	7/12/2016

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USA	9395302 B2	Image Analysis and Measurement of Biological Samples	Theranos, Inc.	Elizabeth A. Holmes; Chinmay Pangarkar; Timothy Smith; Karan Mohan; Samartha Anekal; Daniel L. Young; James R. Wasson	7/25/2013	7/19/2016
USA	9416387 B2	Nucleic Acid Amplification	Theranos, Inc.	Pranav Patel	3/15/2014	8/16/2016
USA	9427184 B2	Systems, Devices, and Methods for Bodily Fluid Sample Collection	Theranos, Inc.	Elizabeth A. Holmes; Michael Chen; Pey-Jiun Ko; Tammy Burd; Adrit Lath; Patricia McHale	6/30/2014	8/30/2016
USA	9435793 B2	Modular Point-of-Care Devices, Systems, and Uses Thereof	Theranos, Inc.	Tammy Burd; Ian Gibbons; Elizabeth A. Holmes; Gary Frenzel; Anthony Joseph Nugent	12/14/2011	9/6/2016
USA	9460268 B2	Systems and Methods for Detecting Infectious Diseases	Theranos, Inc.	Elizabeth A. Holmes; Kamila Belhocine; Josephine Lee; Pranav Patel; Aaron Richardson; Scott Tabakman	9/5/2014	10/4/2016
USA	9460263 B2	Integrated Health Data Capture and Analysis System	Theranos, Inc.	Elizabeth A. Holmes; Ian Gibbons; Daniel L. Young; Seth G. Michelson	10/10/2014	10/4/2016
USA	9464981 B2	Systems and Methods for Sample Use Maximization	Theranos, Inc.	Ian Gibbons; Anthony J. Nugent; Anthony Delacruz; Daniel L. Young; Elizabeth A. Holmes; Andrew Drake; Timothy Michael Kemp; Sunny Balwani; Chinmay Pangarkar	12/5/2014	10/11/2016
USA	9494521 B2	Image Analysis and Measurement of Biological Samples	Theranos, Inc.	Elizabeth A. Holmes; Chinmay Pangarkar; Timothy Smith; Karan Mohan; Samartha Anekal; Daniel L. Young; James R. Wasson	7/25/2013	11/15/2016
USA	9500639 B2	Low-Volume Coagulation Assay	Theranos, Inc.	Mark Dayel; Samartha Anekal; Paul Patel; Ian Gibbons; Elizabeth A. Holmes	7/17/2013	11/22/2016
USA	9513224 B2	Image Analysis and Measurement of Biological Samples	Theranos, Inc.	Karan Mohan; Chinmay Pangarkar; James Wasson	1/22/2014	12/6/2016
USA	9515618 B2	Femtowatt Non-Vacuum Tube Detector Assembly	Theranos, Inc.	Karan Mohan; Marcelo Martinez	9/9/2015	12/6/2016
USA	9513197 B2	Methods, Devices, and Systems for Mixing Fluids	Theranos, Inc.	Matthew Black	3/14/2016	12/6/2016
USA	9529976 B2	Systems and Methods for Detecting Infectious Diseases	Theranos, Inc.	Clarissa Lui; Elizabeth A. Holmes	9/5/2014	12/27/2016