

Anthony S. McCoppin



New Product Development "Inventor for Life"

Medical Devices

<http://www.directoryinventor.com/profile/view/yhVXNEhB>

Experience

Principal Technical Associate

MEDRAD, Inc.

1001-5000 employees; Public Company; Medical Devices
April 2002 - September 2008

Responsible for the efficient management of personnel, materials, and equipment within the new product development engineering services laboratory. Interfacing with a wide array of internal/external customers to align priorities, scope, and schedule for multiple concurrent R&D engineering projects. Key Deliverable: MEDRAD Avanta Fluid Management Injection System.

Mechanical Engineering Associate

MEDRAD, Inc.

1001-5000 employees; Public Company; Medical Devices
April 2000 - March 2002

Formally assigned to provide technical support during the design and development of a new high-technology fluid delivery system for use in computed tomography procedures. Key Deliverable: MEDRAD Stellant CT Injection Systems (Single/Dual Syringe).

Senior Mechanical Engineering Technician

MEDRAD, Inc.

1001-5000 employees; Public Company; Medical Devices
April 1999 - March 2000

Responsible for providing technical support to a variety of new product engineering projects, including a new high-technology fluid delivery system for use in magnetic resonance imaging procedures. Key Deliverable: MEDRAD Spectris Solaris MR Injection System.

Mechanical Engineering Technician IV

MEDRAD, Inc.

1001-5000 employees; Public Company; Medical Devices
April 1996 - March 1999

Key Deliverables: Bracco Diagnostics Isovue Pre-Packaged Contrast Media Cartridge for use with MEDRAD Envision: MEDRAD Envision CT Injection System: Co-Recipient of the APEX Award for Product Development Excellence - Envision CT Injection System.

Mechanical Engineering Technician III

MEDRAD, Inc.

1001-5000 employees; Public Company; Medical Devices

April 1992 - March 1996

Key Deliverables: MEDRAD eCoil (Formally sold as MRInnervu): Cervix eCoil MR Endorectal Coil Colorectal eCoil MR Endorectal Coil Product received the 2006 Frost & Sullivan Award for Product Differentiation Innovation

Mechanical Engineering Technician (Contract)

MEDRAD, Inc.

1001-5000 employees; Public Company; Medical Devices

May 1991 - March 1992

Contracted to assist a multidisciplinary team of engineers, marketing, radiology technologists, and medical physicians, in the development of magnetic resonance-compatible colon and cervix probes. MEDRAD MRInnervu

Mechanical Engineering Technician

VASCOR, Inc

Outsourcing/Offshoring

January 1987 - April 1991

M. Stephen Heilman, Founder, Chairman, and CEO of VASCOR, Inc., established the company in 1986 to develop direct mechanical ventricular assist devices with and without cardioversion and/or defibrillation and/or cardiac pace-making capabilities.

Machinery Repairman 3rd Class

US Navy, USS Acadia AD-42

Military

January 1986 - January 1987

Primary responsibility involved the use of machine tools in support of the repair/manufacture of parts for existing machinery and auxiliary equipment.

Mobile Power Plant Engineer/Line Handler

US Navy, YTB 823 Canonchet

Military

January 1984 - January 1986

Natick Class District Harbor Tug: Placed in service as Canonchet (YTB-823) at Naval Station San Diego, CA. Assisted in the successful maneuvering of naval ships, submarines, and fuel barges. Mobile power plant fireman, main engine room operation, preventive and corrective maintenance of the Fairbanks-Morse opposed piston type, Model 38D 8 1/8 diesel engine. Preventive and corrective maintenance of the Detroit Diesel IL71 Series engines. Certified line-handler.

Education

Point Park College

Mechanical Engineering Technology

1998 - 1999

Natural Science and Engineering Technology, Mathematics

University of Wisconsin-Milwaukee

Injection Mold Process, Plastic Material Selection & Testing to Improve Products and Processing

1996 - 1996

Injection Mold Machines, Machine Theory, Plastic Materials, Polymer Science, Strength of Materials, Plastic Part Design Fundamentals, Residual Molded-In Stress, Environmental Stress Cracking/Crack Analysis, Material Handling/Conditioning, Mold Steels, Mold Design, Molding Defects, Fatigue Testing, Computer Modeling/Simulation (Moldflow/Finite Element Analysis), Scanning Electron Microscopy

US Navy Technical Training Center, Pittsburgh, PA

2nd Class Machinery Repairman Curriculum

1987 - 1989

Machine Shop Management & Organization

US Navy Technical Training Center, San Diego, CA

3rd Class Machinery Repairman Curriculum

1985 - 1986

Theoretical knowledge and mental skills needed by the Machinery Repairman Third Class. Scope of the Machinery Repairman Rating, Tool-rooms and Tools, Layout and Bench-work, Metals and Plastics, Power Saws and Drilling Machines, Offhand Grinding of Tools, Lathes and Attachments, Basic Engine Lathe Operations, Advanced Engine Lathe Operations, Turret Lathes and Turret Lathe Operations, Milling Machines and Milling Operations, Shapers, Planers, and Engravers, Precision Grinding Machines, Metal Buildup, and The (Shipboard) Repair Department and Repair Work. Formulas for Spur Gearing, Formulas for Diametral Pitch System. Tools & Their Uses, Blueprint reading & sketching, Mathematics Volumes I & II, Basic Metallurgy, Metallography Preparation Techniques, Optical Microscopy in Metallography. Principles of Failure Analysis, Fundamentals of Non-Destructive Testing, Introduction to Heat Treating, Electroplating Processes.

US Navy Technical Training Center, Great Lakes, IL

Mobile Power Plants, Main Propulsion Diesels, Thermodynamics

1984 - 1984

Diesel engine principles, measurements and instruments, engines and engine components, engine air starting systems, diesel engine fuel systems, intake and exhaust systems, lubricants and lubrication systems, cooling systems, engine performance and operation, governors and engine controls, journals, bearings, and alignment, auxiliary engines, reduction gears

Medowdale Vocational High School, Dayton Ohio

Metal Shop, Power Mechanics, Mechanical Drawing

1980 - 1984

Activities and Societies: North Riverdale Senior Baseball League, Second Baseman and Center fielder, Dayton RollerDrome Speed Skating Team, Honors in Art.

Honors in Art Award received from the Dayton Museum of Natural History and Art

Patents (12)

Fluid Delivery System, Fluid Path Set, and Pressure Isolation Mechanism with Hemodynamic Pressure Dampening Correction

Michael A Spohn, John A Haury, Anthony S McCoppin, John F Kalafut, Herbert M Grubic, James A Dedig

April 21, 2011: 20110092828-A1

Fluid delivery system, fluid path set, sterile connector and improved drip chamber and pressure isolation mechanism (23 worldwide citation)

Michael A Spohn, John A Haury, James Albert Dedig, Susan Lynn Felix, Anthony S McCoppin, Michael J Ehrenberger, James M Gimbel, Jared A Sunday

November 3, 2009: 07611503

Fluid Delivery System, Fluid Path Set, and Pressure Isolation Mechanism with Hemodynamic Pressure Dampening Correction

Michael A Spohn, John A Haury, Anthony S McCoppin, John F Kalafut, Herbert M Grubic, James A Dedig

July 12, 2007: 20070161970-A1

Plunger systems (36 worldwide citation)

Mark W Hitchins, Edward J Rhinehart, David M Reilly, Anthony S McCoppin, Thomas L Dufalla, Robert J Masarik

January 10, 2006: 06984222

Fluid delivery system, fluid path set, sterile connector and improved drip chamber and pressure isolation mechanism

Michael A Spohn, John A Haury, James Albert Dedig, Susan Lynn Felix, Anthony S McCoppin, Michael J Ehrenberger, James M Gimbel, Jared A Sunday

October 20, 2005: 20050234428-A1

Injector systems and syringe adapters for use therewith (71 worldwide citation)

William J Nolan Jr, Michael A Spohn, John A Haury, Anthony S McCoppin, Frank A Lazzaro, Robert J Ashcraft Jr, James Albert Dedig, Christopher J Blue, David H Berry

June 1, 2004: 06743205

Syringe adapters for use with an injector (82 worldwide citation)

William J Nolan Jr, Michael A Spohn, John Haury, Anthony S McCoppin, Frank A Lazzaro, Robert J Ashcraft Jr, James Albert Dedig, Christopher J Blue, David H Berry

April 6, 2004: 06716195

Injector systems and syringe adapters for use therewith

William J Nolan, Michael A Spohn, John Haury, Anthony S McCoppin, Frank A Lazzaro, Robert J Ashcraft, James Albert Dedig, Christopher J Blue, David H Berry

September 20, 2001: 20010023336-A1

Injector systems and syringe adapters for use therewith

William J Nolan, Michael A Spohn, John Haury, Anthony S McCoppin, Frank A Lazzaro, Robert J Ashcraft, James Albert Dedig, Christopher J Blue, David H Berry
August 2, 2001: 20010011163-A1

Plunger systems (85 worldwide citation)

Mark W Hitchins, Edward J Rhinehart, David M Reilly, Anthony S McCoppin, Thomas L Dufalla, Robert J Masarik
January 25, 2000: 06017330

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