

Barbara J. Clark

Attorney



Overview

Barbara J. Clark is a registered patent attorney residing in Ames, Iowa, with 25 years of experience in providing IP-related services in chemical engineering, food science, mechanical engineering, materials, semiconductor, and chemical technologies, with particular expertise in clean technologies. Barbara has extensive experience in handling complex IP matters for both universities and businesses, including providing in-depth analysis and counseling on the need to develop appropriate filing and claiming strategies around the globe, including for technology areas undergoing continuous development. Barbara also has 25 years of experiencing in telecommuting.

Contact Information

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Areas of Practice

- Patents
- Intellectual Property Consultation
- Patentability Investigations
- Patent Portfolio Strategy Development and Management
- Competitor Patent Activity Monitoring and Counseling
- International and US Patent Acquisition
- Opinions (Freedom to Operate, Non-infringement and Validity)

Bar Admissions

United States Patent and Trademark Office
Iowa State Bar
U.S. Court of Appeals for the Federal Circuit

Areas of Technical Experience

- Clean Energy Technologies, including fuel cell, geothermal energy, biofuel and biomass conversion technologies
- Chemical, including agricultural chemistry, food chemistry, organic and inorganic chemistry
- Material Science
- Process Manufacturing
- Semiconductor Processing, including thermos-mechanical and electro-chemical technologies
- Mechanical engineering, including packaging and complex mechanical technologies

Education

Loyola University of Chicago, JD
(1985)

Michigan State University, BS
Chemical Engineering (With
Honors) (1978) (Tau Beta Pi, Omega
Chi Epsilon, General Motors
Scholar)

Professional Affiliations

Past President (Oct. 2011-2012), Iowa
IPLA

Iowa State Bar Association (ISBA)

ISBA IP Law Section Legislative
Committee Member (2012-2015)

Association of Intellectual Property
Attorneys (AIPLA)

Personal Interests

Writing

Photography

Sailing

Amateur Radio

Industry Experience

- Caterpillar Inc. (formerly Caterpillar Tractor Co.) Non-Metallic Materials Engineer
(1978-1980)

Exemplary Patents

Clean Technologies

U.S. 10,202,660; Methods for Increasing Sugar Yield with Size-Adjusted Lignocellulosic Biomass Particles

U.S. 9,716,287; Biofuel and Electricity Producing Fuel Cells and Systems and Methods Related to Same

U.S. 9,714,404; Catalytic Bioreactors and Methods of Using Same

U.S. 9,206,446; Extraction of Solubles from Plant Biomass for use as a Microbial Growth Stimulant and Methods Related Thereto

U.S. 8,673,031; Pretrated Densified Biomass Products and Methods of Making and Using Same

U.S. 8,192,627; Bio-oil Recovery Methods

U.S. 7,514,246; Methods for Increasing Starch Levels Using Sonication

U.S. 7,504,245; Biomass Conversion to Alcohol Using Ultrasonic Energy

U.S. 7,263,934; Methods for Generating Energy Using Agricultural Biofuel

U.S. 7,101,691; Alcohol Production Using Sonication

U.S. 6,877,318; Electrical Energy-Generating Heat Sink System and Method of Using Same to Recharge An Energy Storage Device

U.S. 6,545,043; Compounds Related To Natural Sources and Their Use as Biopesticides

U.S. 6,524,605; Biorational Repellents Obtained from Terpenoids for Use Against Arthropods

U.S. 6,207,705; Biopesticides Related to Natural Sources

WO/2010/104599; Carbon Dioxide-Based Geothermal Energy Generating Systems and Methods Related Thereto

Chemical and Food Science

U.S. 8,293,935; Carboxylic Acid Recovery and Methods Related Thereto

U.S. 7,753,298; Methods of Making Vacuum Packaged Food Products

U.S. 7,726,627; One Pot Sequential Reactions and Novel Product Produced Thereby

U.S. 7,097,870; Layered Cereal Bars and Their Methods of Manufacture

U.S. 6,510,890; Continuous Method and System for Producing a Frozen Food Product

U.S. 5,936,069; Process for Producing Improved Soy Protein Concentrate from Genetically Modified Soybeans

Semiconductors

U.S. 7,449,780; Apparatus to Minimize Thermal Impedance Using Copper on Die Backside

U.S. 6,840,169; Methods for Manufacturing Printed Circuit Boards Using a Partial Printing Process and Apparatus

U.S. 6,823,783; Blocking Cap for Use in a Partial Printing Process and Apparatus

U.S. 6,657,862; Radial Folded Fin Heat Sinks and Methods of Making and Using Same

Exemplary Patents cont'd

Materials

U.S. 9,877,605; Reusable Mug Covers and Methods Related Thereto

U.S. 9,808,964; Porus Sol Gels and Methods and Structures Related thereto

U.S. 7,101,527; Mixed Anion Materials and Compounds for Novel Proton Conducting Membranes

U.S. 6,905,060; Method and Sealant for Weld Joints

U.S. 6,273,965; Magnetostrictive Materials and Methods for Improving AC Characteristics in Same

Mechanical

U.S. 9,877,605; LED Light Fixture

U.S. 9,615,518; Subsurface Barrier Retention System and Methods Related Thereto

U.S. 7,377,200; Workpiece Holding Devices for Use with Saws

U.S. 7,281,338; Slide Mounting Tools, Kits and Systems Containing Same and Methods Related Thereto

U.S. 7,036,460; Throat Support Device and Methods of Using Same

U.S. 6,624,539; High Power Ultrasonic Transducers

U.S. 6,481,937; Adjustable Holding Device