



LOUIS C. FRANK

REGISTERED PATENT ATTORNEY
PARTNER

- B.S. *cum laude*
Chemical Engineering
Outside Concentration: Biology
University of Florida
- M.S. Electrical Engineering
Specialization: Devices and MEMS
University of Florida
- J.D. University of Florida Levin College of Law



AREAS OF PRACTICE

- U.S. and International Patent Prosecution
- U.S. and International Patent Procurement and Enforcement Strategy
- Patentability Opinions
- Freedom-to-Operate and Infringement Opinions

TECHNOLOGY AREAS

- Electrical Devices
- Micro-Electro-Mechanical Systems (MEMS)
- Light Emitting Diodes (LEDs)
- Software
- Batteries
- Optics
- Materials
- Chemistry
- Medical Devices
- Biotechnology

AWARDS AND RECOGNITION

- Board Certified in Intellectual Property Law by The Florida Bar
- Process Engineering Certificate, University of Florida

PROFESSIONAL MEMBERSHIPS & ACTIVITIES

- The Florida Bar
- Registered to practice before U.S. Patent and Trademark Office (USPTO)
- American Intellectual Property Law Association (AIPLA)
- Order of the Engineer
- American Institute of Chemical Engineers (AIChE)

SELECTED PATENTS

- 10,947,607: Boron Nitride Nanotube-Magnesium Alloy Composites and Manufacturing Methods Thereof
- 10,940,639: Glass Scintillators and Methods of Manufacturing the Same
- 10,938,109: Foldable and Reconfigurable Antennas, Arrays and Frequency Selective Surfaces with Rigid Panels
- 10,931,022: Reconfigurable Arrays With Multiple Unit Cells
- 10,929,530: Systems and Methods for Monitoring Activity in an HDMI Network
- 10,911,471: Systems and Methods for Network-Based Intrusion Detection
- 10,910,691: Multiple Input Multiple Output Antenna Devices
- 10,909,438: Passive RFID Temperature Sensors With Liquid Crystal Elastomers
- 10,906,238: Shape Memory Polymer Inks and Methods of Printing the Same
- 10,902,154: Data Security
- 10,877,313: Lighting Apparatus
- 10,241,240: Lens Assembly and Camera Module Including the Lens Assembly
- 10,097,742: Control Circuit of Liquid Lens, Camera Module and Method of Controlling Liquid Lens
- 10,037,835: Quench Protected Structured Superconducting Cable
- 8,074,238: Spindle Motor
- 8,035,121: Package for Light Emitting Device Having a Lens Spaced From a Light Emitting Device Module
- 7,998,412: Ophthalmic Device Comprising a Holographic Sensor
- 7,959,865: Miniaturized Gas Chromatograph and Injector for the Same
- 7,856,938: General Purpose Submarine Having High Speed Surface Capability
- 7,799,708: Coated Fabrics with Increased Abrasion Resistance



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