* Accelerometer
* ADCs (analog-to-digital converters)
* Alloys: aluminum, magnesium, metal powders, nickel, niobium, titanium
* Altimeters
* Amplifiers
* Antennae, for microwave power source, phased array & space
* Array processors/assemblies
* Blanks, beryllium/beryllium (Be/Be) deposited material
* Bulk acoustic wave devices
* Cables, Optical fiber
* Cameras
* Capacitors, high energy storage
* Cathodes
* Ceramic based materials & fibers
* CVD equipment
* Composite materials and structures
* Compound semiconductor integrated circuits
* Computers (rad hard, high temp, high performance, digital, systolic, neural & optical)
* Conductive polymers
* Converter integrated circuits
* Coprocessors or accelerators, graphics
* Cryocoolers for optical sensors
* Cryptographic enabling systems, equipment, integrated circuits, software or technology
* DACs (Digital-to-analog converters)
* Detection systems for explosives and detonators
* Detectors, optical
* Diamond film substrate technology
* Digital array processors
* Digital signal processors
* Digitizers, waveform
* Diodes, laser
* Dry etching equipment, anisotropic plasma
* E.coli, infectious
* Electro-optical materials & integrated circuits
* Electromagnets, superconductive
* Electron beam equipment
* Epitaxial growth equipment
* Fast Fourier Transform (FFT) processors
* Fiber optic magnetometers
* Field programmable gate arrays (FPGA)
* Field programmable logic arrays (FPLA)
* Filters, tunable band-pass
* Frequency analyzers (signal analyzers)
* Gallium organo-metallic compounds; Gallium nitride (GaN) “substrates”
* Gas turbine engine & blades
* Germanium
* Gimbals, optical control
* Graphite
* Gravimeters
* Gyros
* Infectious bacteria or virus
* Information security equipment, software & technology
* Infrared sensors & cameras
* Ion beam equipment for mask making/semiconductor devices
* Integrated circuit computer-aided-design (CAD) software
* Laminates & composite structures, organic metal or carbon
* Laser acoustic detection equipment
* Laser diodes
* Lasers
* Lightweight turbofan/turbojet engines
* Lithograph templates
* Lithography equipment,
* Lithography software
* Logic processors and assemblies
* Machine tools,
* Magnetic metals
* Metals or carbon coated fibers
* Micromachined Angular Rate Sensors
* Microwave circuits & frequency extenders,
* Microwave wave components
* Mirrors, optical
* Mixers, frequency extenders
* Monolithic integrated circuits
* Multi-layer masks (with phase shift layer),
* Multichip integrated circuits
* Multimode optical fiber & cables, high tensile strength
* Multispectral imaging sensors
* Nanocrystalline alloy strips
* Navigation systems, equipment & components
* Neodymium lasers
* Neural network integrated circuits & computers
* Niobium alloys
* Non-linear optical materials
* Optical components & equipment
* Oscilloscopes
* Plasma separation process equipment & components
* Polymeric substances
* Propeller blades or propfans composite technology
* Propulsion systems/components,
* Quantum cryptography
* Radar systems, components, & software
* Radar altimeters
* Radiation hardened items
* Radiographic equipment
* Recording equipment, analog & digital tape recorders
* Recovery of source code – software
* Reinforced composite materials
* Remotely operated vehicles
* Resin impregnated fibers
* Reticles
* Robots
* S-parameter test/measurement equipment
* Satellite parts & components
* Scanning electronic beam guns
* Sensors
* Signal processing devices
* Silicon carbide (SiC) substrate blanks
* Silicon, hetero-epitaxial grown multi-layer substrates
* Silicon carbide wafers
* Slapper detonators (Electric)
* Software for restricted items
* Solenoids, superconductive
* Solid-state imaging devices
* Solid-state power semiconductor switches, diodes, or 'modules
* Sonar
* Source code for restricted items or encryption
* SONET (Synchronous Optical Network) technology
* Space launch vehicles
* SQUIDs (Superconducting quantum interference devices)
* Submersible vehicles/vehicle systems, equipment, or components
* Superconductive materials, devices or circuits
* Technology for restricted items
* Test equipment for semiconductor devices
* UAVs Unmanned aerial vehicles
* Wafer probe, production align and expose equipment
* Waveform digitizers
* Wide-swath bathymetric survey systems
* Zinc selenide (ZnSe), substrate blanks
* Zinc sulphide (ZnS), substrate blanks
* Zirconium fluoride (ZrF4) glass
* Zirconium metal, alloy, compounds