

## Current Patents Available for Licensing

### Electronics

Patent Number	Case Number	Patent Expires	Title
6,027,954	LEW-16519-1	05/29/2018	Method of Stabilization of SiC-Based Gas Sensor Using an alloy Deposited on the C-face of SiC
6,291,838	LEW-16519-2	05/29/2018	Gas Sensing Diode
6,071,595	LEW-15898-2	10/26/2014	Substrate with Low Secondary Emissions
6,078,223	LEW-16440-1	08/14/2018	Frequency-Locked Superconductor/Ferroelectric Thin Film Local Oscillator
6,081,235	LEW-16398-1	04/30/2018	High Resolution Scanning Reflectarray Antenna
6,103,210	LEW-16342-3	04/04/2017	Elemental Metals or Oxides Distributed on a Carbon Substrate
6,165,874	LEW-16374-2	12/16/2018	Method for Growth of Crystal Surfaces and Growth Heteroepitaxial Single Crystal Films Thereon
6,198,760	LEW-16681-1	05/27/2019	Selective Emitter Pumped Rare Earth Laser
6,064,156	LEW-16056-1	09/14/2018	Design and Manufacturing Processes For Long-Life Hollow Cathode Assemblies
6,240,932	LEW-16056-2	09/14/2018	Processes for Cleaning a Cathode Tube and Subassemblies in a Hollow Cathode Assembly Design And Manufacture of Long Life Hollow Cathode Assemblies
6,380,685	LEW-16056-3	09/14/2018	Procedure for Making a Hollow Cathode Assembly
6,539,818	LEW-16056-4	09/14/2018	Design and Manufacture of Long-Life Hollow Cathode Assemblies
6,676,288	LEW-16056-5	09/14/2018	Design and Manufacturing Processes Of Long-Life Hollow Cathode Assemblies
6,729,174	LEW-16056-6	09/14/2018	Design and Manufacturing Processes Of Long-Life Hollow Cathode Assemblies
6,829,920	LEW-16056-7	09/14/2018	Design and Manufacturing Processes Of Long-Life Hollow Cathode Assemblies

## Electronics

<b>Patent Number</b>	<b>Case Number</b>	<b>Patent Expires</b>	<b>Title</b>
6,292,143	LEW-16792-1	05/04/2020	Multi-Mode Broadband Patch Antenna
6,461,944	LEW-17116-1	02/07/2021	Method for Growth of Step-Free SiC Crystal Surfaces and Fabrication Of Electronic Device Structures Thereon
6,488,771	LEW-17186-1	09/25/2021	Method for Growing Low-Defect Single Crystal Heteroepitaxial Films
6,647,809	LEW-17222-1	08/29/2022	A Method of Packaging a Silicon Carbide High Temperature Anemometer
6,794,213	LEW-17222-2	08/29/2022	Method of Assembling a Silicon Carbide High Temperature Anemometer
6,667,725	LEW-17167-1	07/11/2022	Radio Frequency (RF) Telemetry System for Sensors and Actuators
6,783,592	LEW-17237-1	10/10/2022	Improved Alpha SiC Epitaxial Growth and Devices by Using Web Growth to Select Locations of Screw Dislocations
6,844,852	LEW-17389-1	03/31/2023	Microelectromechanical Systems (MEMS) Actuator Based Reconfigurable Printed Antennas
7,023,118	LEW-17293-1	03/12/2023	System for Controlling a Magnetically Levitated Rotor
6,809,450	LEW-17293-2	12/04/2023	Software for System for Controlling A Magnetically Levitated Rotor
7,042,199	LEW-17353-1	07/28/2023	Series Connected Buck Boost Regulator
7,116,568	LEW-17353-2	07/28/2025	Series Connected Buck Boost Regulator
6,967,462	LEW-17383-1	06/05/2023	Wireless Consumer Power (Beamed Power)
7,148,417	LEW-17396-1	03/31/2023	GaP/Silicon Tandem Solar Cell With Extended Temperature Range
7,191,013	LEW-17483-1	11/08/2024	Hand Held Device for Wireless Powering and Interrogation of BioMEMS Sensors and Actuators
7,187,835	LEW-17498-1	01/28/2025	Selective Wavelength Filtering

**Electronics**

<b>Patent Number</b>	<b>Case Number</b>	<b>Patent Expires</b>	<b>Title</b>
7,259,692	LEW-17520-1	09/01/2024	Hybric Power Management (HPM) Upgrade
7,305,935	LEW-17589-1	08/25/2024	Slotted Antenna Rectangular Waveguide Plasma Source for Ion Beam and Electron Beam Production
7,250,723	LEW-17704-1	12/21/2024	Cathode Luminescence Light Source For Broad Band Application in the Visible