

## Current Patents Available for Licensing

### Communications

Patent Number	Case Number	Patent Expires	Title
6,078,223	LEW-16440-1	08/14/2018	Frequency-Locked Superconductor/ Ferroelectric Thin Film Local Oscillator
6,081,235	LEW-16398-2	04/30/2018	High Resolution Scanning Reflectarray Antenna
6,198,760	LEW-16681-1	05/27/2019	Selective Emitter Pumped Rare Earth Laser
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
6,667,725	LEW-17167-1	07/11/2022	Radio Frequency (RF) Telemetry System for Sensors and Actuators
6,844,852	LEW-17389-1	03/31/2023	Microelectromechanical Systems (MEMS) Actuator Based Reconfigurable Printed Antennas
7,190,741	LEW-16901-1	10/21/2022	A Real-Time Signal-to-Noise Ratio Estimation Technique for BPSK And QPSK Modulation Using the Active Communications Channel
6,967,462	LEW-17383-1	06/05/2023	Wireless Consumer Power (Beamed Power)
7,187,835	LEW-17498-1	01/28/2025	Selective Wavelength Filtering
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
6,064,156	LEW-16056-1	09/14/2018	Design and Manufacturing Processes For Long-Life Hollow Cathode Assemblies

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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