

Micropower-Impulse Radar Patent Portfolio

The Licensed Patents are as follows:

UNITED STATES PATENTS GRANTED:

Patent Number	Title	Inventors	Filing Date	Issue Date
5,345,471	Ultra-Wideband Receiver	Thomas E. McEwan	4/12/93	9/6/94
5,523,760	Ultra-Wideband Receiver	Thomas E. McEwan	9/6/94	6/4/96
B1 5,361,070	Ultra-Wideband Radar Motion Sensor Reexamination Certification for: Patent No. 5,361,070 Issued: 11/1/94 Appl. No. 08/044,717 Filed: 4/12/93	Thomas E. McEwan	4/12/93	5/16/00
5,457,394	Impulse Radar Stud Finder	Thomas E. McEwan	5/7/93	10/10/95
5,465,094	Two Terminal Micropower Radar Sensors	Thomas E. McEwan	1/14/94	11/7/95
5,573,012	Body Monitoring and Apparatus and Method	Thomas E. McEwan	8/9/94	11/12/96
5,766,208	Monitoring and Imaging Apparatus and Method	Thomas E. McEwan	11/12/96	6/16/98
5,512,834	Homodyne Impulse Hidden Object Locator	Thomas E. McEwan	9/13/94	4/30/96
5,521,600	Range-Gated Field Disturbance Sensor with Range-Sensitivity Compensation	Thomas E. McEwan	9/6/94	5/28/96
5,682,164	Pulse Homodyne Field Disturbance Sensor	Thomas E. McEwan	5/28/96	10/28/97
5,630,216	Micropower RF Transponder with Super regenerative Receiver and RF Receiver with Sampling Mixer	Thomas E. McEwan	9/6/94	5/13/97
5,510,800	Time-of-Flight Radio Location System	Thomas E. McEwan	9/6/94	4/23/96
5,661,490	Time-of-Flight Radio Location System	Thomas E. McEwan	4/23/96	8/26/97
5,609,059	Electronic Multi-Purpose Material Level Sensor	Thomas E. McEwan	12/19/94	3/11/97
5,774,091	Short Range, Micro-Power Impulse Radar with High Resolution Swept Range Gate with Damped Transmit and Receive Cavities	Thomas E. McEwan	5/26/95	6/30/98

Patent Number	Title	Inventors	Filing Date	Issue Date
5,757,320	Short Range, Ultra-Wideband Radar with High Resolution Swept Range Gate	Thomas E. McEwan	12/17/96	5/26/98
5,581,256	Range Gated Strip Proximity Sensor	Thomas E. McEwan	6/6/95	12/3/96
5,832,772	Micropower RF Material Proximity Sensor	Thomas E. McEwan	1/27/95	11/10/98
5,519,400	Phase-Coded, Micro-Power Impulse Radar Motion Sensor	Thomas E. McEwan	6/6/95	5/21/96
5,767,953	Light Beam Range Finder	Thomas E. McEwan	6/6/95	6/16/98
5,576,627	Narrow Field Electromagnetic Sensor System and Method	Thomas E. McEwan	3/17/95	11/19/96
6,914,552	Magneto-Radar Detector and Method	Thomas E. McEwan	6/25/03	7/5/05
5,589,838	Short Range Radio Locator System	Thomas E. McEwan	8/3/95	12/31/96
5,563,605	Precision Digital Pulse Phase Generator	Thomas E. McEwan	8/2/95	10/8/96
5,661,385	Window-Closing Safety System	Thomas E. McEwan	8/3/95	8/26/97
5,517,198	Ultra-Wideband Directional Sampler	Thomas E. McEwan	8/3/95	5/14/96
5,610,611	High Accuracy Electronic Materials Level Sensor	Thomas E. McEwan	8/3/95	3/11/97
5,883,591	Ultra-Wideband Impedance Sensor	Thomas E. McEwan	2/27/98	3/16/99
5,805,110	Impulse Radar with Swept Range Gate	Thomas E. McEwan	6/17/97	9/8/98
5,754,144	Ultra-Wideband Horn Antenna With Abrupt Radiator	Thomas E. McEwan	7/19/96	5/19/98