

Intellectual Property Rights

The following is a list of patents that the inventors / co-inventors were SensorWise employees [in green] at the time of the patent filing:

1. **G. L. Varsamis, A. Arian, L. T. Wisniewski**, "Method and Apparatus for Creating an Image of an Earth Borehole or a Well Casing," US Patent number 5,987,385, issued on November 16, 1999.
2. **G. L. Varsamis, L. T. Wisniewski**, R. C. Murphey, "Method and Apparatus for Quick Determination of the Ellipticity of an Earth Borehole," US Patent number 6,038,513, issued on March 14, 2000.
3. R. C. Murphey, **G. L. Varsamis, L. T. Wisniewski**, C-K. D. Chen, "Method and Apparatus for Determining the Shape of an Earth Borehole and the Motion of a Tool within the Borehole," US Patent number 6,065,219, issued on May 23, 2000.
4. **L. T. Wisniewski, A. Arian, G. L. Varsamis**, "Transducer for Acoustic Logging," US Patent number 6,213,250, issued on April 10, 2001.
5. **G. L. Varsamis, L. T. Wisniewski, A. Arian**, "Method and Apparatus for Acoustic Logging," US Patent number 6,366,531, issued on April 2, 2002.
6. **J. O. Blanch, S. G. Holmquist, J. A. Market, G. L. Varsamis**, "Processing for Sonic Waveforms," US Patent number 6,453,240, issued on September 17, 2002.
7. **G. L. Varsamis, L. T. Wisniewski, A. Arian**, "Method and Apparatus for Acoustic Logging," US Patent number 6,552,962, issued on April 22, 2003.
8. **A. Arian, L. T. Wisniewski, G. L. Varsamis, G. L. Fickert**, "Method and Apparatus for Absorbing Acoustic Energy," US patent number 6,564,899, issued on May 20, 2003.
9. **A. Arian**, "Metal Pad for Downhole Formation Testing," US patent number 6,658,930 issued on December 9, 2003.
10. **L. Wisniewski, G. L. Varsamis**, B. Mandal, "Acoustic Logging Tool Having Programmable Source Waveforms," US patent number 6,661,737 issued on December 9, 2003
11. **J. O. Blanch, S. G. Holmquist, J. A. Market, G. L. Varsamis**, "Processing for Sonic Waveforms," US Patent number 6,691,036, issued on February 10, 2004.
12. **J. O. Blanch, G. L. Varsamis**, "High Resolution Dispersion Estimation in Acoustic Well Logging," US patent Number 6,766,252, issued on July 20, 2004.
13. **J. O. Blanch, G. L. Varsamis**, "Acoustic Logging Apparatus and Method for Anisotropic Earth Formations," US patent number 6,772,067, issued on August 3, 2004.
14. **J. O. Blanch, G. L. Varsamis**, "Acoustic Logging Apparatus and Method for Anisotropic Earth Formations," US patent number 6,791,899, issued on September 14, 2004.
15. **A. Arian, R. Jones**, "Wideband Isolator for Acoustic Tools," US Patent number 6,834,743 issued on December 28, 2004
16. **J. O. Blanch, G. L. Varsamis**, "Acoustic Logging Apparatus and Method," US Patent number 6,842,400, issued on January 11, 2005.
17. **A. Arian, L. T. Wisniewski, G. L. Varsamis, G. L. Fickert**, "Method and Apparatus for Absorbing Acoustic Energy," US patent number 6,899,197 issued on May 31, 2005.
18. **G. Fickert, J. Haynes**, "Oil and gas well tubular inspection system using Hall Effect sensors," US patent number 6,924,640 issued on August 2, 2005.
19. **J. Blanch, S. Holmquist, J. Market, G. L. Varsamis**, "Self-adaptable data compression technique," US Patent number 6,943,709, issued on September 13, 2005.
20. **G. L. Varsamis**, G. D. Althoff, **L. T. Wisniewski**, D. P. Schmitt, **A. Arian**, J. H. Dudley, "Method and system for downhole clock having compensation," US Patent number 7,116,182, issued on October 3, 2006.
21. **A. Arian, B. Mackay, R. Jones**, K. Smith, W. Ludwig, "Apparatus and Method for Hard Rock Sidewall Coring of a Borehole," US Patent number 7,347,284, issued on March 25, 2008
22. **G. L. Varsamis, J. Blanch**, A. C. Cheng, C. Kessler, D. Schmitt, B. Mandal, "Adaptive Equalization of Downhole Acoustic Receivers," US Patent number 7,392,135, issued on June 24, 2008.
23. **G. L. Varsamis, L. T. Wisniewski, A. Arian**, "Seismic data acquisition system and method for downhole use," US Patent number 7,535,795, issued on May 19, 2009.
24. A. van Zuilekom, CH. M. Chang, SL. Luo, **A. Arian, B. W. Mackay**, "Formation tester tool seal pad," US Patent number 7,584,655, issued on September 8, 2009
25. **A. Arian, G. L. Fickert, J. O. Blanch**, V. V. Shah, E. Linyaev, "Low frequency acoustic attenuator," US Patent number 7,997,380, issued on August 16, 2011.