

PATENT OWNER'S EXHIBIT LIST

Exhibit No.	Description
2001	United States Patent No. 8,220,394 ('394 Patent)
2002	Prosecution History for '394 Patent
2003	Dr. Liu Letter (Third Party Submission)(Jan. 12, 2009)
2004	Dr. Liu Letter (Third Party Submission)(Jan. 19, 2009)
2005	Dr. Liu Letter (Third Party Submission)(Nov. 30, 2010)
2006	Declaration of Philip Duncan Church (Feb. 7, 2012)
2007	Begeman, et al., <i>Manufacturing Processes</i> , 6 th Ed., John Wiley & Sons, Inc., pp. 194-196, 198-199 (1969)
2008	Bradbury, et al., <i>Source Book on Powder Metallurgy</i> , American Society for Metals, pp. 168-170 (1979)
2009	Hume-Rothery, <i>Electrons, Atoms, Metals and Alloys</i> , 3 rd Ed., Dover Publications, Inc., pp. 173-174, 286-287 (1963)
2010	Hume-Rothery, <i>Researches on the Nature, Properties, and Conditions of Formation of Intermetallic Compounds, with Special Reference to Certain Compounds of Tin</i> , Thesis presented at Annual General Meeting, University of London, pp. 295-307 (1925)
2011	Jacobi, et al., <i>Electrical Properties of β-Phase NiAl</i> , J. Phys. Chem. Solids, Pergamon Press, Vol. 30, pp. 1261-1262 (1969)
2012	Massalski, et al., <i>Electronic Structures of Hume-Rothery Phases</i> , Progress In Materials Science, Vol. 22, p. 151-155 (1978)
2013	<i>Deiseroth, Advanced Inorganic Chemistry (Part 1), Basic Solid State Chemistry (Lecture Notes)</i> , Seigen University, Germany (Oct. 5, 2004), downloaded Nov. 11, 2017 at https://www.chemie-biologie.uni-siegen.de/ac/lehre/lecture1.pdf
2014	Church, et al., <i>Investigation of a Nickel-Aluminium Reactive Shaped Charge Liner</i> , Journal of Applied Mechanics, Vol. 80, pp. 031701-1 – 13 (May 2013)
2015	Dennis Haggerty et al., <i>A Comparative Assessment of 3 3/8-in. Perforators Using 'Reactive' and 'Non-reactive' Shaped Charges</i> , 2009 Society of Petroleum Engineers Eastern Regional Meeting, SPE 125752 (Sept. 23-25, 2009)
2016	D.C. Atwood et al., <i>Flow Performance Of Perforation Tunnels Created With Shaped Charges Using Reactive Liner Technology</i> , 2009 Society of Petroleum Engineers European Formation Damage Conference, SPE 121931 (May 27-29, 2009)

2017	Andrew Pettitt, et al., <i>A Comparative Assessment of 3-3/8 – in. Perforators Using Reactive and Nonreactive Shaped Charges in Oil and Gas Applications</i> , Offshore Technology Conference, OTC 20893 (May 3-6, 2010)
2018	M.R.G. Bell, et al., <i>Reactive Perforating: Conventional and Unconventional Applications, Learnings and Opportunities</i> , 2009 SPE European Formation Damage Conference, SPE 122174 (May 27-29, 2009)
2019	M.R.G. Bell, et al., <i>Next-Generation Perforating System Enhances the Testing and Treatment of Fracture Stimulated Wells in Canada</i> , 2008 SPE Annual Technical Conference, SPE 116226 (Sept. 21-24)
2020	Pub. No. US 2004/0020397 (Nielson)
2021	Declaration of John Hardesty
2022	Declaration of Nathan Clark
2023	Declaration of Larry Behrmann
2024	Declaration of Barry Bell
2025	Graph of CONNEX sales