(56) **References Cited**

U.S. PATENT DOCUMENTS

6,492,014	B1	12/2002	Rolison et al.	
7,001,669	B2	2/2006	Lu et al.	
7,094,499	B1	8/2006	Hung	
7,176,245	B2	2/2007	Stucky et al.	
7,309,830	B2	12/2007	Zhang et al.	
7,623,340	B1	11/2009	Song et al.	
7,875,219	B2	1/2011	Zhamu et al.	
8,257,867	B2	9/2012	Liu et al.	
2002/0022122	A1 *	2/2002	Hirata et al.	428/220
2002/0054995	A1	5/2002	Mazurkiewicz	
2003/0086859	A1	5/2003	Kawakami et al.	
2004/0120880	A1 *	6/2004	Zhang et al.	423/460
2004/0131934	A1 *	7/2004	Sugnaux et al.	429/209
2004/0137225	A1 *	7/2004	Balkus et al.	428/364
2004/0150140	A1	8/2004	Zhan et al.	
2006/0154071	A1	7/2006	Homma et al.	
2007/0092432	A1	4/2007	Prud'homme et al.	
2007/0158618	A1	7/2007	Song et al.	
2007/0212538	A1	9/2007	Niu	
2007/0281854	A1	12/2007	Harbour et al.	
2008/0063585	A1	3/2008	Smalley et al.	
2008/0258359	A1	10/2008	Zhamu et al.	
2008/0279756	A1	11/2008	Zhamu et al.	
2008/0302561	A1	12/2008	Prud'homme et al.	
2008/0312368	A1	12/2008	Prud'homme et al.	
2009/0117467	A1 *	5/2009	Zhamu et al.	429/231.8
2009/0246625	A1 *	10/2009	Lu	429/207
2009/0290897	A1	11/2009	Doshoda et al.	
2009/0291270	A1	11/2009	Zettl et al.	
2009/0297947	A1	12/2009	Deng et al.	
2009/0303660	A1	12/2009	Nair et al.	
2009/0305135	A1	12/2009	Shi et al.	
2010/0081057	A1	4/2010	Liu et al.	
2010/0143798	A1	6/2010	Zhamu et al.	
2010/0159366	A1	6/2010	Shao-Horn et al.	
2010/0176337	A1	7/2010	Zhamu et al.	
2011/0045347	A1	2/2011	Liu et al.	
2011/0051316	A1	3/2011	Liu et al.	
2011/0111299	A1	5/2011	Liu et al.	
2012/0088158	A1	4/2012	Liu et al.	
2012/0295027	A1	11/2012	Liu et al.	
2012/0295096	A1	11/2012	Liu et al.	
2012/0305165	A1	12/2012	Liu et al.	
2014/0023925	A1	1/2014	Liu et al.	
2014/0030181	A1	1/2014	Liu et al.	

FOREIGN PATENT DOCUMENTS

CN	1793451		6/2006	
CN	101048055		10/2007	
CN	101139090		3/2008	
CN	101478043		7/2009	
CN	101752561		6/2010	
JP	10233211		9/1998	
WO	WO2007/015710		2/2007	
WO	WO 2007061945	A2 *	5/2007	H01M 4/86
WO	WO2008/013380		1/2008	
WO	WO2008/106991		9/2008	
WO	WO2008/143692		11/2008	
WO	WO2009/023051		2/2009	
WO	WO2009/085015		7/2009	
WO	WO2010/014215		2/2010	
WO	WO2010/030361		3/2010	
WO	WO2011/019764		2/2011	
WO	WO2011/019765		2/2011	

OTHER PUBLICATIONS

Ribeiro et al Nanostructure Science and Technolgy 2009 pp. 33-79 see pp. 62-63 ref 77+.*

PaekYoo and Honma Nano Letters 2009 vol. 9 No. 1 pp. 72-75 102a.*

Lindsay PhD Thesis Univ of Wollongong 2004 Chapter 2 Section 2.5.5 Research Online per {http://ro.uow.edu.au/theses/359}.*

Bizdoaca et al. (Journal of Magnetism and Magnetic Materials vol. 240 2002 pp. 44-46; p. 44 2nd col).*

McDermott et al Jounal of the Electrochemical Soc vol. 140 No. 9 Sep. 1993 pp. 2593-2599.*

Am. Soc. Mech. Engineers 256th Proceedings of the Applied Mechanics Div. pp. 277-291; Abstract.*

Murakami et al Materials Science forum vols. 445-446 2004 pp. 331-333 Abstract and Introduction.*

Wang et al Journal of the Electrochemical Society vol. 151 No. 4 pp. A563-A570 [2004].*

Shao California State Science Fair 2006 Project Summary J0531 http://www.usc.edu/CSSF/History/2006/Projects/J0531.pdf.*

Facts101 Physics vol. 1 Chapter15 Fluids p. 13 Key Terms (J. Walker 3rd ed.: { {http://books.google.com/books?id=fhRX6IFg2fcC&pg=PT278&lpg=PT278&dq= % 22Surfactants+are+compounds+that+ lower+the+ surface+tension+of+a+liquid%22+-2012+-2011+-2010+-2009 & source =bl&ots=cVS1AJ-GOS&sig=&source =bl&ots=cVS1AJ-GOS&sig=e9wgCJkhGYTe2zdqoql1y-iQG1o&hl=en&sa=X&ei=-6ErUO6NO6Wo0AGh74D4Bw&ved=e9wgCJkhGYTe2zdqoql1y-iQG1o&hl=en&sa=X&ei=-6ErUO6NO6Wo0AGh74D4Bw&ved=0CEUQ6AEwBA#v=onepage&q=%22Surfactants%20are%20compounds%20that%20lower%q=%22Surfactants%20are%20compounds%20that%20lower%the%20surface%20tension%20of%20a%20liquid%22%20-2012%20-2011%20-2010%20-2009&f=false}.*

Office action from U.S. Patent and Trademark Office for U.S. Appl. No. 12/553,527, mailed Nov. 10, 2011.

Restriction Requirement from the U.S. Patent and Trademark Office for U.S. Appl. No. 12/553,527, mailed Sep. 26, 2011.

Aksay et al., "Biomimetic Pathways for Assembling Inorganic Thin Films," *Science* 273:892-898 (Aug. 1996).

Aricò et al., "Nanostructured materials for advanced energy conversion and storage devices," *Nature Materials* 4:366-377 (May 2005).

Armstrong et al., "TiO_2-B Nanowires," *Angewandte Chemie-International Edition* 43:2286-2288 (Apr. 2004).

Armstrong et al., "TiO_2(B) Nanowires as an Improved Anode Material for Lithium-Ion Batteries Containing $LiFePO_4$ or $LiNi_{0.5}Mn_{1.5}0_4$ Cathodes and a Polymer Electrolyte," *Advanced Materials* 18:2597-2600 (Oct. 2006).

Asefa et al., "Periodic mesoporous organosilicas with organic groups inside the channel walls," *Nature* 402:867-871 (Dec. 1999).

Atkin et al., "Self-Assembly of a Nonionic Surfactant at the Graphite/Ionic Liquid Interface," *Journal of the American Chemical Society* 127:11940-11941 (Aug. 2005).

Attard et al., "Mesoporous Platinum Films from Lyotropic Liquid Crystalline Phases," *Science* 278:838-840 (Oct. 1997).

Bagshaw et al., "Templating of Mesoporous Molecular Sieves by Nonionic Polyethylene Oxide Surfactants," *Science* 269:1242-1244 (Sep. 1995).

Baudrin et al., "Structural evolution during the reaction of Li with nano-sized rutile type TiO_2 at room temperature," *Electrochemistry Communications* 9:337-342 (Feb. 2007).

Berger et al., "Electronic Confinement and Coherence in Patterned Epitaxial Graphene," *Science* 312:1191-1196 (May 2006).

Bonard et al., "Purification and Size-Selection of Carbon Nanotubes," *Advanced Materials* 9(10):827-831 (month unknown 1997).

Braun et al., "Semiconducting superlattices template by molecular assemblies," *Nature* 380:325-328 (Mar. 1996).

Chen et al., "Mechanically Strong, Electrically Conductive, and Biocompatible Graphene Paper," *Advanced Materials* 20:3557-3561 (Jul. 2008).

Chen et al., "Reducing Carbon in $LiFePO_4$/C Composite Electrodes to Maximize Specific Energy, Volumetric Energy, and Tap Density," *Journal of the Electrochemical Society* 149(9):A1184-A1189 (Sep. 2002).

Decher, "Fuzzy Nanoassemblies: Toward Layered Polymeric Multicomposites," *Science* 277(9):1232-1237 (Aug. 1997).

Dikin et al., "Preparation and characterization of graphene oxide paper," *Nature* 448:457-460 (Jul. 2007).