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<p>(21) International Application Number: PCT/US99/09137</p> <p>(22) International Filing Date: 28 April 1999 (28.04.99)</p> <p>(30) Priority Data: 09/067,393 28 April 1998 (28.04.98) US</p> <p>(71) Applicant: ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).</p> <p>(72) Inventors: WANG, Luping; 69 Homestead Lane, Brookfield, CT 06804 (US); TOM, Glenn; 2 Powderhorn Lane, New Milford, CT 06776 (US).</p> <p>(74) Agent: ZITZMANN, Oliver, A., M.; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).</p>		<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>
<p>(54) Title: FLUID STORAGE AND DISPENSING SYSTEM</p> <p>(57) Abstract</p> <p>A fluid storage and dispensing system (10) comprising a vessel (12) for holding a fluid (17) at a desired pressure. The vessel has a pressure regulator (26) set at a predetermined pressure. The regulator may be interiorly or exteriorly positioned, single-staged or multi-staged, and is associated with a port of the vessel. A dispensing assembly, e.g., including a flow control means such as a valve (20), is arranged in gas/vapor flow communication with the regulator (26), whereby the opening of the valve effects dispensing of gas/vapor from the vessel (12). The fluid in the vessel may be constituted by a liquid that is confined in the vessel at a pressure in excess of its liquefaction pressure at prevailing temperature conditions, e.g., ambient (room) temperature.</p>		

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