



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A01N 25/08, C01B 11/02	A1	(11) International Publication Number: WO 98/11776 (43) International Publication Date: 26 March 1998 (26.03.98)
(21) International Application Number: PCT/US97/14172 (22) International Filing Date: 29 August 1997 (29.08.97) (30) Priority Data: 60/026,273 18 September 1996 (18.09.96) US (71) Applicant: BERNARD TECHNOLOGIES, INC. [US/US]; Suite 1710, 919 N. Michigan, Chicago, IL 60611 (US). (72) Inventors: BARENBERG, Sumner, A.; Suite 1710, 919 N. Michigan, Chicago, IL 60611 (US). GRAY, Peter, N.; Suite 1710, 919 N. Michigan, Chicago, IL 60611 (US). LELAH, Michael; Suite 1710, 919 N. Michigan, Chicago, IL 60611 (US). (74) Agents: PETRILLO, Kathleen, M. et al.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).	(81) Designated States: AU, JP, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.	
(54) Title: POWDERS PROVIDING CONTROLLED SUSTAINED RELEASE OF A GAS (57) Abstract A powder for sustained release of a gas including a core containing a molecular sieve, and a layer containing an acid releasing agent on an outer surface of the core. The core and the layer are substantially free of water, and the core is capable of generating and releasing a gas after hydrolysis of the acid releasing agent.		