

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



INTERNATIONAL BUREAU OF PATENT COOPERATION  
35, rue de la Harpe, CH-1015, Genève, Suisse  
P.O. Box 6808, CH-1211, Genève, Suisse  
P.O. Box 18, 2283, Ginevra, Svizzera  
P.O. Box 17, 1201, Ginevra, Svizzera  
P.O. Box 17, 1201, Ginevra, Svizzera  
P.O. Box 17, 1201, Ginevra, Svizzera

(43) International Publication Date  
1 August 2002 (01.08.2002)

PCT

(10) International Publication Number  
**WO 02/058675 A1**

- (51) International Patent Classification<sup>7</sup>: **A61K 9/20**,  
B01D 59/26, 53/34 (US). **ZIARNIAK, Patricia, Ann**; 12203 Anne Drive,  
Alden, NY 14004 (US).
- (21) International Application Number: PCT/US01/44291 (74) Agent: **GASTEL, Joseph, P.**; Suite 722, 295 Main Street,  
Buffalo, NY 14203-2507 (US).
- (22) International Filing Date:  
26 November 2001 (26.11.2001) (81) Designated States (*national*): CA, CN, JP, KR, SG.
- (25) Filing Language: English (84) Designated States (*regional*): European patent (AT, BE,  
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,  
(26) Publication Language: English NL, PT, SE, TR).
- (30) Priority Data:  
09/768,016 23 January 2001 (23.01.2001) US  
Published:  
— with international search report  
— with amended claims
- (71) Applicants: **MULTISORB TECHNOLOGIES, INC.**  
[US/US]; 325 Harlem Road, Buffalo, NY 14224-1893  
(US). **DONALDSON COMPANY, INC.** [US/US]; 1400  
West 94th Street, Minneapolis, MN 55431 (US).
- (72) Inventors: **MILLER, Stanley, Bucknam, III**; 11501  
Kensington Drive, Eden Prairie, MN 55347 (US). **PA-  
TRONE, Louis**; 7660 Endreas Road, Hamburg, NY 14075

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



\*162162\*



\*G00002\*

WO 02/058675 A1

(54) Title: ACID-GAS ABSORBING TABLET AND METHOD OF USE

(57) Abstract: An acid-gas absorbing tablet including in relatively sufficient proportions an adsorbent which may be activated carbon or silica gel or a mixture thereof, potassium carbonate, polyvinylpyrrolidinone, and potassium bicarbonate. A method of absorbing acid gases from a confined environment utilizing the above tablet by inserting it into the confined environment.