

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

9905390-2



IPOS.

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B65D 33/20, 33/01	A1	(11) International Publication Number: WO 98/50280 (43) International Publication Date: 12 November 1998 (12.11.98)
(21) International Application Number: PCT/US98/09219 (22) International Filing Date: 6 May 1998 (06.05.98) (30) Priority Data: 08/853,003 9 May 1997 (09.05.97) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors: HAMILTON, Peter, Worthington; 1107 Devils Backbone Road, Cincinnati, OH 45233 (US); MCGUIRE, Kenneth, Stephen; 15 Linden Drive, Wyoming, OH 45215 (US); TWEDDELL, Richard, III; 2 Burton Woods Lane, Cincinnati, OH 45229 (US); GARTH, Shirley, Florence; 3584 McHenry Avenue, Cincinnati, OH 45225 (US); ONEY, Jack, Lee, Jr.; 518 West Church Street, Mason, OH 45040 (US). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).	(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, GM, GW, HU, ID, 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, 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, ML, MR, NE, SN, TD, TG). 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. 1 PD 1 appl. 5 Invs. (follow PF 8)	
(54) Title: FLEXIBLE STORAGE BAG WITH SELECTIVELY-ACTIVATIBLE CLOSURE (57) Abstract The present invention provides a flexible storage bag (10) comprising at least one sheet of flexible sheet material assembled to form a semi-enclosed container. The bag has an opening (28) and a closure means (30) for sealing the opening to convert the semi-enclosed container to a closed container. The closure means (30) comprises a strip of material forming at least a portion of the periphery of the opening having a first side facing inwardly toward the opening and a second side facing outwardly of the opening. The first side exhibits an adhesion peel force (F) after activation by a user which is greater than an adhesion peel force exhibited prior to activation by a user. In a preferred embodiment, the flexible storage bag includes at least one auxiliary venting opening located remotely from the primary opening and having an auxiliary closure means for sealing the auxiliary opening. The auxiliary opening has a periphery, and the auxiliary closure means comprises a piece of material forming at least a portion of the periphery and having a first side facing inwardly toward the opening and a second side facing outwardly of the opening. The first side exhibits an adhesion peel force after activation by a user which is greater than an adhesion peel force exhibited prior to activation by a user. In another preferred embodiment, the flexible storage bag is self-supporting with the opening extending upwardly away from a horizontal supporting surface. The flexible storage bag may further include at least one pair of opposed gussets formed in the sheet material extending in a direction normal to the opening and a substantially planar bottom extending in a direction substantially parallel to the opening, such that when the bottom is placed on a horizontal surface the flexible storage bag is self-supporting and maintains the opening in an upwardly-extending condition. Preferably, the bag maintains the opening in a substantially open condition. IPC = B65D 33/20 IPER 16/11/98		