



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : A61L 15/56		(11) International Publication Number: WO 00/00233																	
A1		(43) International Publication Date: 6 January 2000 (06.01.00)																	
(21) International Application Number: PCT/US99/14665		(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).																	
(22) International Filing Date: 29 June 1999 (29.06.99)																			
(30) Priority Data:																			
<table border="0"> <tr> <td>09/107,561</td> <td>29 June 1998 (29.06.98)</td> <td>US</td> </tr> <tr> <td>09/106,225</td> <td>29 June 1998 (29.06.98)</td> <td>US</td> </tr> <tr> <td>60/090,993</td> <td>29 June 1998 (29.06.98)</td> <td>US</td> </tr> <tr> <td>98120476.1</td> <td>29 October 1998 (29.10.98)</td> <td>EP</td> </tr> <tr> <td>09/299,399</td> <td>26 April 1999 (26.04.99)</td> <td>US</td> </tr> <tr> <td>60/131,073</td> <td>26 April 1999 (26.04.99)</td> <td>US</td> </tr> </table>			09/107,561	29 June 1998 (29.06.98)	US	09/106,225	29 June 1998 (29.06.98)	US	60/090,993	29 June 1998 (29.06.98)	US	98120476.1	29 October 1998 (29.10.98)	EP	09/299,399	26 April 1999 (26.04.99)	US	60/131,073	26 April 1999 (26.04.99)
09/107,561	29 June 1998 (29.06.98)	US																	
09/106,225	29 June 1998 (29.06.98)	US																	
60/090,993	29 June 1998 (29.06.98)	US																	
98120476.1	29 October 1998 (29.10.98)	EP																	
09/299,399	26 April 1999 (26.04.99)	US																	
60/131,073	26 April 1999 (26.04.99)	US																	
(71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, 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, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, 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).																	
(72) Inventors: ROE, Donald, Carroll; 6324 Emberwood Court, West Chester, OH 45069 (US). FEDOSOV, Yury; Apartment 12, 1 Shirokaya Street, Pushkin, Saint Petersburg, 189620 (RU). KRUCHININ, Mikhail; Apartment 320, 11-1 Kupchinskaya Street, Saint Petersburg, 192284 (RU). KHO-MIAKOV, Oleg; Apartment 27, 50 Zamshina Street, Saint Petersburg, 195271 (RU). MUSCAT, Andreas; Avrille Strasse 7, D-65824 Schwalbach (DE).																			
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.																			

(54) Title: DISPOSABLE ARTICLE HAVING BODILY WASTE COMPONENT SENSOR

(57) Abstract

The present invention is directed to a disposable article that comprises a sensor adapted to detect one or more specific biological, health and/or nutrition markers in the wearer's feces. The article may also signal the caretaker, the wearer, or an actuator of the occurrence.

