

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 December 2008 (04.12.2008)

PCT

(10) International Publication Number
WO 2008/147144 A3

(51) International Patent Classification:

A47K 17/02 (2006.01)

(21) International Application Number:

PCT/KR2008/003063

(22) International Filing Date: 30 May 2008 (30.05.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10-2007-0053973 1 June 2007 (01.06.2007) KR

(71) Applicants and

(72) Inventors: **KIM, Dae Youn** [KR/KR]; 207-32, Bongcheon 7-dong, Cwanak-gu, Seoul 151-818 (KR).
PARK, Min Young [KR/KR]; 344-240, Sindaebang-dong, Dongjak-gu, Seoul 156-010 (KR).

(74) Agent: **SO, Jin Ho**; Sunjin Patent & Law Office, Room 401, Jeil Bldg, 823-41, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

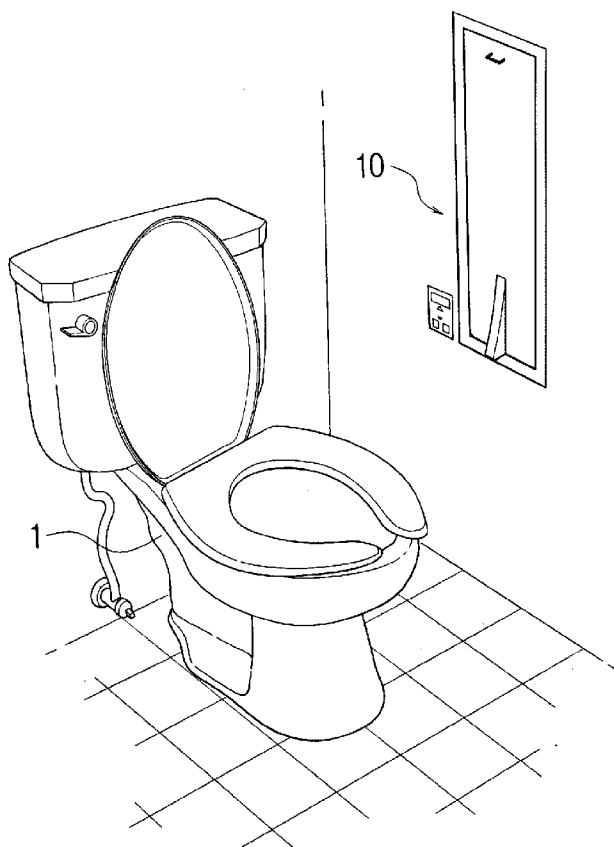
Published:

— with international search report

[Continued on next page]

(54) Title: UPPER BODY SUPPORT APPARATUS FOR TOILETS

[Fig. 1]



(57) Abstract: An upper body support apparatus for toilets is disclosed. The upper body support apparatus includes a support board (11), which supports the arms of the user thereon. The support board is rotated downwards or upwards between a wall and the front of the upper body of the user. Therefore, the present invention enables a user to place his/her arms on the support board (11). Furthermore, free movement of the user is ensured, and the upper body support apparatus is prevented from impeding the opening or closing of a door of the lavatory. In addition, when washing the lavatory, the upper body support apparatus is prevented from impeding the washing operation. As well, the present invention has a function of providing heat to maintain the body temperature of the user in the winter and a vibration function to stimulate the abdomen of the user to promote bowel evacuation.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) **Date of publication of the international search report:**

15 January 2009