



(51) International Patent Classification:

A61F 13/49 (2006.01) A61F 13/53 (2006.01)
A61F 13/15 (2006.01)

(21) International Application Number:

PCT/JP2012/005072

(22) International Filing Date:

9 August 2012 (09.08.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2011-176389 11 August 2011 (11.08.2011) JP

(71) Applicant (for all designated States except US): Uni-
charm Corporation [JP/JP]; 182, Shimobun, Kinsei-cho,
Shikokuchuo-shi, Ehime, 7990111 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WAKASUGI, Kei
[JP/JP]; c/o Technical Center, Unicharm Corporation,
1531-7, Wadahama, Toyohama-cho, Kanonji-shi, Kagawa,

7691602 (JP). KIKUCHI, Kyo [JP/JP]; c/o Technical
Center, Unicharm Corporation, 1531-7, Wadahama, Toyo-
hama-cho, Kanonji-shi, Kagawa, 7691602 (JP).

(74) Agents: SHIRAHAMA, Yoshiharu et al.; Shimbashi
Towa Bldg., 13-8, Shimbashi 2-chome, Minato-ku, Tokyo,
1050004 (JP).

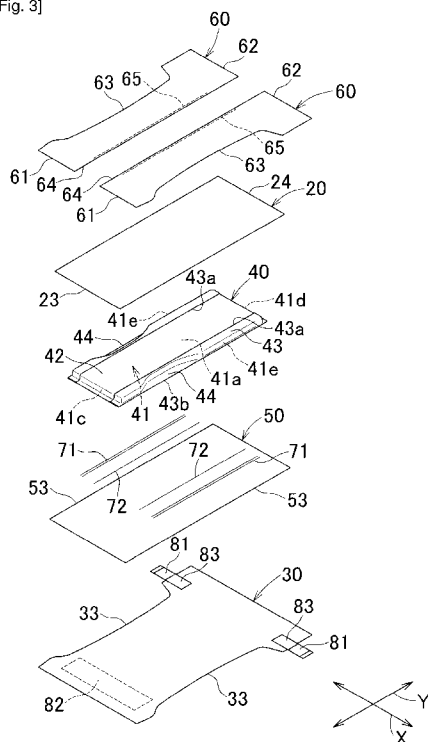
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR,
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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,

[Continued on next page]

(54) Title: DISPOSABLE WEARING ARTICLE

[Fig. 3]



(57) Abstract: Provided is a disposable wearing article including an absorbent structure adapted to be visually recognized through a topsheet as well as through a backsheet. A diaper (1) has a topsheet (20), a backsheet (30) and an absorbent structure (40) disposed between these top- and backsheets (20, 30). A dimension in a transverse direction (X) of a core (41) of the absorbent structure (40) is smaller in a crotch region (13) than in front and rear waist regions (11, 12) so as to have a pair of concavely curved segments in the crotch region (13). A colored first wrapping sheet (42) is laminated on a first surface (41a) of the core (41). The first wrapping sheet (42) is visually recognizable through the topsheet (20). A second wrapping sheet (43) covers a second surface (41b) of the core (41). The first and second wrapping sheets (42), (43) extend outward in the transverse direction (X) beyond lateral edges (43e) of the core to define a pair of extensions (44) which are visually recognizable from a non-skin-facing side (a garment-facing side).



TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, **Published:**

EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,

LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,

SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,

GW, ML, MR, NE, SN, TD, TG).

— *with international search report (Art. 21(3))*