



(51) International Patent Classification:
A61F 13/505 (2006.01)

(21) International Application Number:
PCT/US2010/043358

(22) International Filing Date:
27 July 2010 (27.07.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/273,059 30 July 2009 (30.07.2009) US

(72) Inventor; and

(71) Applicant : COATES, Fredrica, V. [US/US]; 400 Stanton Court, Winston-salem, NC 27106 (US).

(74) Agents: ADAMS, W., Thad, III et al.; Adams Intellectual Property Law, 2350 Charlotte Plaza, 201 South College Street, Charlotte, NC 28244 (US).

AO, AT, AU, AZ, BA, BB, BG, BH, 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, JP, 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, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, — with international search report (Art. 21(3))

(54) Title: COMFORT DIAPER ASSEMBLY

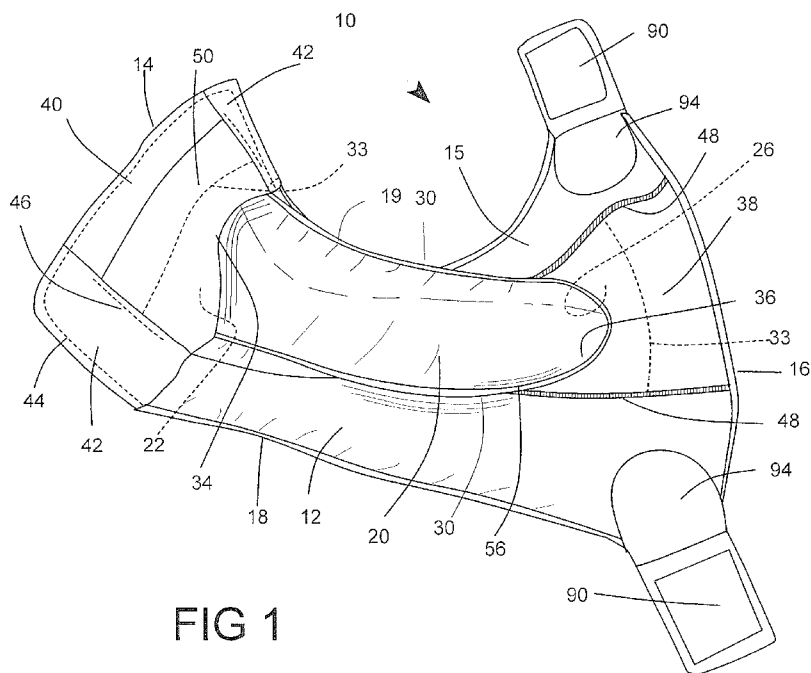


FIG 1

(57) Abstract: A diaper assembly 2 includes a diaper garment 10 and a fluid absorbent pad 60. The diaper garment 10 has an outer shell 12 from which a sling 20 is suspended. The sling 20 is fluid resistant and has front and rear pockets 34, 36 into which opposite ends of the fluid absorbent pad 60 can be inserted. The front pocket 34 is formed by fluid resistant shield 50 that is surrounded on three sides by gussets 40, 42 that are more skin friendly than the shield 50. Multilayer pads 60 can be carried by the sling 20.