

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁵:

A61F 13/15

A1

(11) International Publication Number:

WO 94/18927

(43) International Publication Date:

1 September 1994 (01.09.94)

(21) International Application Number: PCT/US94/01767

(22) International Filing Date: 23 February 1994 (23.02.94)

(30) Priority Data:

5/35768

24 February 1993 (24.02.93)

JP

(71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): YAMADA, Jiro [JP/JP]; Kanebo Ashiya Urban Plaza #546, 1-1-58, Fukae-minami-cho, Higashinada-ku, Kobe-shi, Hyogo 658 (JP). HIUKE, Takashi [JP/JP]; 2-15-5, Fujisakahigashi-machi, Hirakata-shi, Osaka 573-01 (JP). SHIKATA, Hiroaki [JP/JP]; 6-6-613-1321, Koyochi-naka, Higashinada-ku, Kobe-shi, Hyogo 658 (JP).

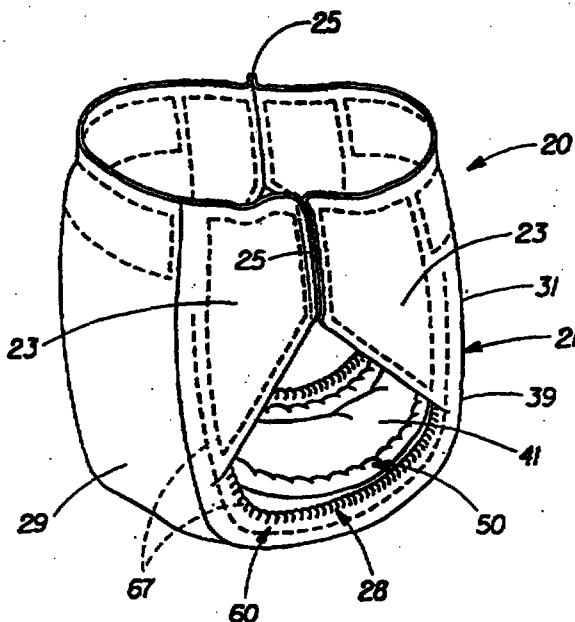
(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45202 (US).

(81) Designated States: AU, BB, BG, BR, BY, CA, CN, CZ, FL, HU, JP, KP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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.

(54) Title: ABSORBENT ARTICLE HAVING AN IMPROVED LEG CLOSURE



This Sheet Has Been Replaced



(57) Abstract

This is absorbent articles such as disposable diapers, incontinent briefs, pull-on diapers, diaper holders and the like, that provide maximized dynamic fit range in the waist opening and improved gasketing action along the leg openings. Side panels (23) extend outwardly from side flaps (37) to provide a wide fit range in the waist opening. The side flaps (37) comprise no elastic for gasketing action and the flaps are relatively narrow. Extended leg cuffs (60) are connectively associated with a chassis (21) along the side flaps (37) so as to provide the gasketing action. Each of the extended leg cuffs (60) has a free distal edge (65) remote from the side flap (37) and a spacing member (67) for spacing the distal edge (65) upwardly away from the absorbent chassis (21). This absorbent article has enough width in the side panels (23) and enough width in the leg openings as needed.