

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

44/12

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : A61F 13/15		A1	(11) International Publication Number: WO 92/22274
			(43) International Publication Date: 23 December 1992 (23.12.92)
(21) International Application Number: PCT/US92/04775			(81) Designated States: AT (European patent), AU, BB, BE (European patent), BF (OAPI patent), BG, BJ (OAPI patent), BR, CA, CF (OAPI patent), CG (OAPI patent), CH (European patent), CI (OAPI patent), CM (OAPI patent), CS, DE (European patent), DK (European patent), ES (European patent), FI, FR (European patent), GA (OAPI patent), GB (European patent), GN (OAPI patent), GR (European patent), HU, IT (European patent), JP, KP, KR, LK, LU (European patent), MC (European patent), MG, ML (OAPI patent), MN, MR (OAPI patent), MW, NL (European patent), NO, PL, RO, RU, SD, SE (European patent), SN (OAPI patent), TD (OAPI patent), TG (OAPI patent).
(22) International Filing Date: 8 June 1992 (08.06.92)			
(30) Priority data: 714,476 13 June 1991 (13.06.91) US			
(71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).			
(72) Inventors: WEIL, Denis, Gaston ; 178 Millwood Road, Toronto, Ontario (CA). BUELL, Kenneth, Barclay ; 218 Brocdorf Drive, Cincinnati, OH 45215 (US). CLEAR, Sandra, Hintz ; 9056 Meadow Drive, Maineville, OH 45039 (US). FALCONE, Danielia, Threase ; 4168 Hamilton Avenue #4, Cincinnati, OH 45223 (US).			
(74) Agents: REED, T., David et al.; The Procter & Gamble Company, Ivorydale Technical Center, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).			

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.*

This Sheet Has Been Replaced



(54) Title: ABSORBENT ARTICLE WITH FASTENING SYSTEM PROVIDING DYNAMIC ELASTICIZED WAIST-BAND FIT

(57) Abstract

Absorbent article such as disposable diapers, incontinent briefs, diaper holders, and the like, that have elasticized waistbands (34) with a dual tensioning fastening system that improves the dynamic fit of the elasticized waistband as well as the containment characteristics of the absorbent article. The dual tension fastening system comprises a primary fastening system (38) and a waist closure system (40). The waist closure system (40) forms a waist closure that anchors a portion of the end edge of the absorbent article and that dynamically maintains/creates lateral tensions through the elasticized waistband so as to improve the fit and containment characteristics of the diaper by reducing gaping, sagging, and roll-over of the elasticized waistband. The absorbent article additionally preferably comprises a pair of elasticized side panels (30) disposed in the second waist region. The elasticized side panels preferably comprise a "zero strain" stretch laminate and also preferably having an extension panel (110) adjacent the leg of the wearer.

