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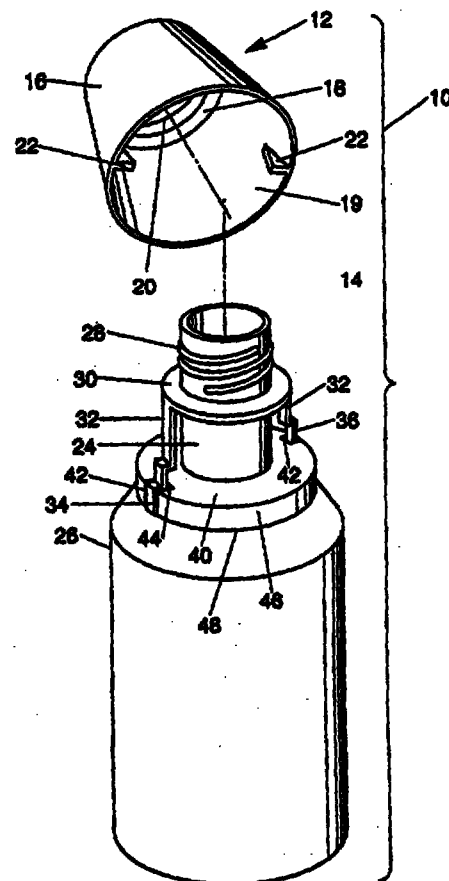
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(54) Title: CHILD RESISTANT BOTTLE CLOSURE

(57) Abstract

A package (10) suitable for storing and dispensing potentially dangerous material, which is resistant to opening by children yet readily openable by adults. The package is preferably a bottle (14) which has a body and a finish portion (24). The finish portion (24) has a threaded outer (28) end for mating with a closure (12). A resiliently deformable cantilevered beam (32) is connected to the finish portion (24) between the threaded outer end (28) and the body of the bottle (26). The beam (32) is angled outward and downward from the finish portion (24). The beam (32) has a substantially vertical locking surface (36) and a pushtab (34) spaced along the beam (32). The angle of the beam (32) is such that the pushtab (34) may be depressed substantially radially toward the finish portion (24). The locking surface (36) is located between the finish portion (24) and the pushtab (34) so that depression of the pushtab (34) results in a greater beam deflection and lower deflection force at the pushtab (34) than at the locking surface (36). A bottle closure (12) has threads for rotatably securing the closure (12) to the finish portion (24) of the bottle. The closure (12) also has a tooth projecting (22) radially inward from its lower inner surface and so shaped and positioned that it will engage the locking surface (36) of the resilient beam (32) whenever there is an attempt to unscrew the closure. It thereby prevents removal of the closure (12) until the pushtab (34) is manually depressed to disengage the closure tooth (22) from the locking surface (36) of the cantilevered beam (32).



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