## (12) UK Patent Application (19) GB (11) 2612242

26.04.2023

2301451.7 (21) Application No:

(22) Date of Filing: 01.07.2021

Date Lodged: 01.02.2023

(30) Priority Data:

(31) 16918849 (32) 01.07.2020 (33) **US** 

(86) International Application Data: PCT/US2021/040174 En 01.07.2021

(87) International Publication Data: WO2022/006449 En 06.01.2022

(71) Applicant(s):

Niagara Bottling LLC 1440 Bridgegate Drive, Diamond Bar 91765, California, United States of America

(72) Inventor(s):

**Jason Thomas Fuhst** 

(74) Agent and/or Address for Service:

Dehns

St. Bride's House, 10 Salisbury Square, LONDON, EC4Y 8JD, United Kingdom

(51) INT CL:

B65D 17/28 (2006.01) B65B 27/04 (2006.01)

**B65B 55/00** (2006.01)

(56) Documents Cited:

WO 2022/037230 A1 JP 2015217954 A1 US 20140231493 A1 US 20070095697 A1

(58) Field of Search:

INT CL B65B, B65D

Other: PatSearch (RUPTO Internal), USPTO, PAJ, **Espacenet, Information Retrieval System of FIPS** 

(54) Title of the Invention: Perforated case pack top panel Abstract Title: Perforated case pack top panel

(57) An apparatus and a method are provided for a perforated top panel disposed in a shrink-wrapped bottle pack for containing water bottles. The perforated top panel comprises an easy-open panel and a semi-circular portion disposed at a terminal end of the easy-open panel. The easy -open panel is partially bordered by an alternating series of cuts and lands that are configured to allow the easy- open panel to tear away from the top panel upon being pulled by a practitioner. The easy-open panel comprises a parallel portion that extends to one or more tapered portions that terminate at the semi-circular portion. The semi-circular portion is configured to be grasped and pulled to separate the tapered portion and the parallel portion from the lop panel and thus expose the water

