Cardboard Shipping Boxes With Utilitarian Articles Printed On Them

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CARDBOARD SHIPPING BOXES WITH UTILITARIAN ARTICLES PRINTED ON THEM

ABSTRACT

Devices and methods are disclosed that provide a cardboard shipping box with the cutout of a utilitarian object such as a VR viewer printed on the box. The major parts of the VR viewer body are printed on the cardboard shipping box used for shipping any article. The virtual reality viewer is a mechanical body that consists of 3 distinct parts: chassis, a body, and a fixture. Each of these parts is outlined on the cardboard box with difference in line types to indicate parts that require cutting or folding according to instructions. The link to instructions for constructing the VR viewer may be printed on the shipping box via QR code. The user may avail additional components to construct the VR viewer. The device and method thus enables customers to recycle cardboard boxes easily, thus reducing material waste.

KEYWORDS: Cardboard packaging, recycling, reuse, VR viewer

BACKGROUND

At present, customers receive their orders in cardboard boxes of varying sizes. The cardboard boxes are often large and unwieldy, detracting from the customer experience as recipients have to spend time breaking them down or disposing them.

DESCRIPTION

Devices and methods are disclosed that provide a cardboard shipping box with the cutout of a utilitarian object or toy printed on the box. The object could be a virtual reality (VR) viewer printed on the box that can be constructed after cutting out. As depicted in FIG. 1, major parts of the VR viewer body are printed on the cardboard shipping box used for shipping any article. The major parts include a chassis 101, a body 103 and a fixture 105.
Whenever a customer receives a shipped article, they may construct the VR viewer out of the cardboard box as shown in FIG. 2. Additional parts such as lenses, rubber band and other fastening components may be required to complete the VR viewer. These may be made available to the customer by the retailer, or could be shipped with the packaging itself, at additional cost.
outlined with solid lines on the cardboard box. The customer may then fold the components along dotted lines to shape the article. The customer may further use additional components to complete construction of the VR viewer.

While the innovation has been illustrated with a VR viewer, the concept is applicable to any utilitarian article such as a toy. Alternatively, VR viewers may also be constructed from materials other than cardboard. The system and the method provided may solve two problems by providing customers a simple cutout for utilitarian articles such as their VR headsets while reducing the amount of cardboard waste. Thus, the system and method enables better utilization or recycling opportunities for cardboard waste.