Sept. 11, 1956 R. A. BENTZ 2,762,553

BOOK WRAPPER

Filed June 28, 1952 2 Sheets-Sheet 1

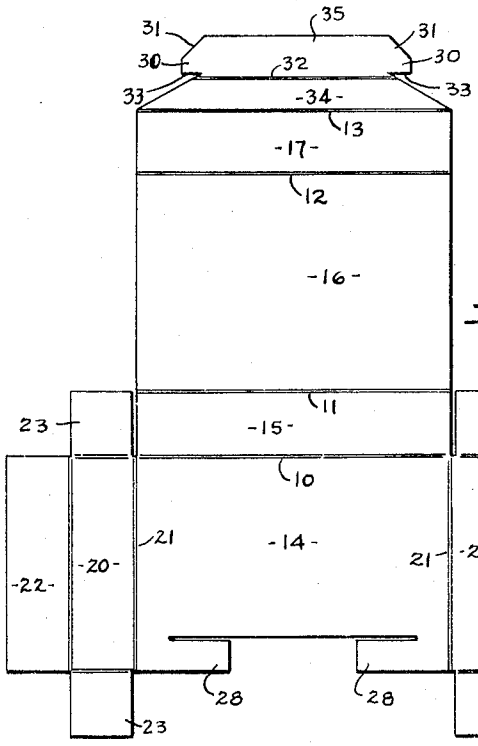


Fig. 1

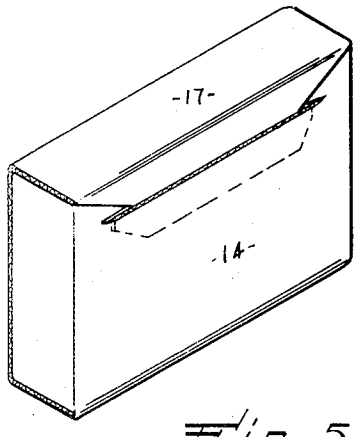


Fig. 5

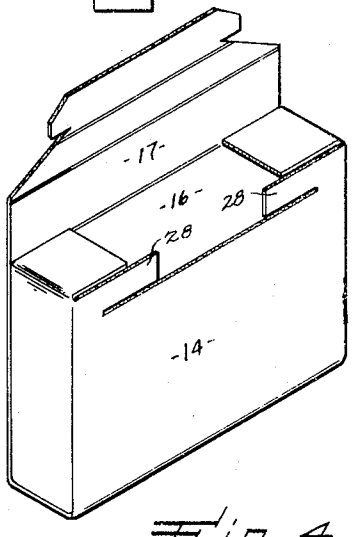


Fig. 4

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Filed June 28, 1952 2 Sheets-Sheet 2

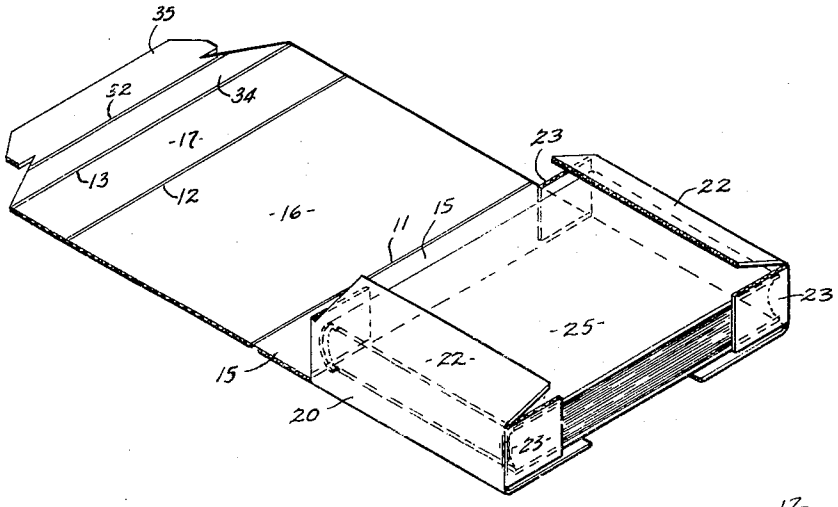


Fig. 2

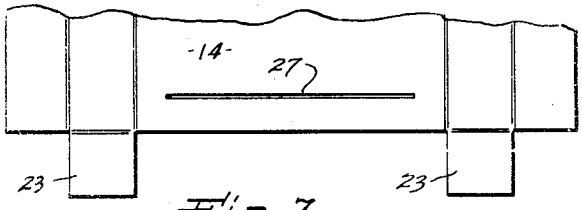


Fig. 7

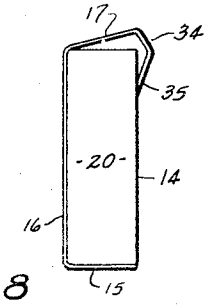


Fig. 8

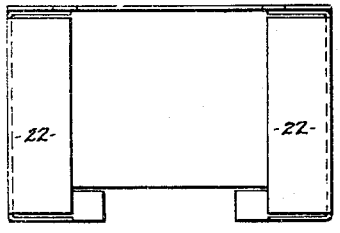


Fig. 3

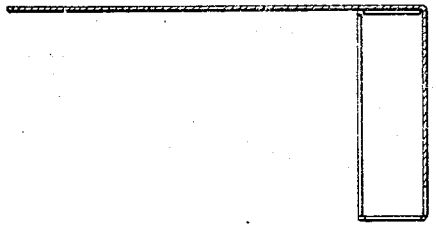


Fig. 6

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BOOK WRAPPER

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Application June 28, 1952, Serial No. 296,183

1 Claim. (Cl. 229—40)

This invention relates to wrappers for shipping books, and has as an object a shipping wrapper for books formed from a one-piece blank of heavy paperboard and embodying a structural arrangement by which the wrapper may be quickly folded about the book and the free end of the wrapper quickly and conveniently interlocked permanently and in such manner that it will not become loosened in handling the package during shipment.

The invention consists in the novel features and in the combinations and constructions hereinafter set forth and claimed.

In describing this invention, reference is had to the accompanying drawings in which like characters designate corresponding parts in all the views.

In the drawings—

Figure 1 is a view of the one-piece blank forming the wrapper.

Figure 2 is a perspective view of the blank with the book positioned thereon and with the wing panels folded about the ends of the book.

Figure 3 is a plan view of the lower portion of Figure 2 and with the remaining transverse panel moved upwardly to vertical position.

Figure 4 is a perspective view showing the wrapper in folded form with the last transverse panel and locking tab extending vertically.

Figure 5 is a perspective view of the wrapper completely folded about the book.

Figure 6 is an end view of the arrangement shown in Figure 3.

Figure 7 is a plan view of the lower portion of the blank shown in Figure 1 and illustrating a modification in this portion of the blank.

Figure 8 is an end view of the wrapper folded about the book with the locking flap partially inserted.

The wrapper is formed from a one-piece blank of heavy paperboard, preferably of corrugated board, the blank being scored transversely at **10**, **11**, **12** and **13**, to define a connected series of transversely extending panels **14**, **15**, **16** and **17**, adapted to be folded about the book.

Wing panels **20** are attached to the end edges of the panel **14** by the score lines **21** and are adapted to be folded perpendicular to the panel **14** to cover the ends of the book, and these wing panels **20** carry stay panels **22**. Also, the wing panels **20** may carry wing tabs **23**.

The book **25** is positioned upon the panel **14**, the wing panels **20** folded upwardly against the ends of the book, the stay panels **22** folded downwardly against the cover of the book, and the wing tabs **23** folded against the front and back edges of the book, as illustrated in Figure 2. The blank is then folded on the score line **10** to move the panel **15** vertically against the back of the book, the panel **16** folded over the front of the book, as illustrated in Figure 4, and the panel **16** folded on the score line **12** toward the back edge of the book.

One of the end panels, such as the panel **14**, is formed with a slit **27** extending in parallel spaced relation to the free edge of the panel, or this edge of the panel **14** may be notched centrally to provide spaced apart confronting tabs **28**.

The panel **17** at the opposite end of the series is provided with a lock flap defined by the score line **13** and formed with laterally extending portions or tabs **30**, the edges **31** of which converge inwardly toward the center of the blank. Preferably, the lock tab is also provided with a transversely extending score line **32** extending substantially in registration with the inner side edges **33** of the tabs **30**, the score line **32** dividing the flap into inner and outer portions **34**, **35**.

Because of the inclined edges **31** of the tabs **30**, the flap is conveniently inserted in between the panel **14** and the confronting cover of the book, this operation being also more conveniently performed because of the score line **32** which permits the outer portion **35** of the tab to be inclined inwardly toward the panel **14**, as illustrated in Figure 8. As the portion **35** is inserted between the panel **14** and the book cover, the edges **33** of the tabs **30** move under the contiguous portion of the panel **14**, or the tabs **28** which are passed outwardly against the lock flap by the book cover. With this arrangement, the lock flap can not be removed without materially damaging the wrapper which means that the wrapper is quickly and permanently locked about the book and will not become unfastened during rough handling of the package.

What I claim is:

A shipping wrapper for books and like articles comprising a one piece blank of paperboard adapted to be wrapped about the article, said blank being scored transversely to provide a series of connected panels, the panel at one end of said series being notched centrally thereof and provided with a pair of slits extending oppositely from such notch and terminating in closely spaced relation to the opposite side edges of such panel and defining a pair of independent tabs between the slits and the free end edge of the panel, the panel at the opposite end of said series having a transversely extending flap along its free edge, said flap having opposite end portions extending laterally therefrom, the opposite side edges of said opposite end panel being notched to provide inner side edges of said laterally extending flap portion which are spaced from adjacent portions of said opposite panel, the opposite free ends of said portions terminating short of the base of said tabs and said inner side edges of said portions being parallel to said slits when said flap is inserted between the first panel and the article and said inner side edges of the lateral portions being spaced from the base of said flap by the same amount that said slits are spaced from the free edge of said first panel, whereby said lateral flap portions interlock with the tabs.

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