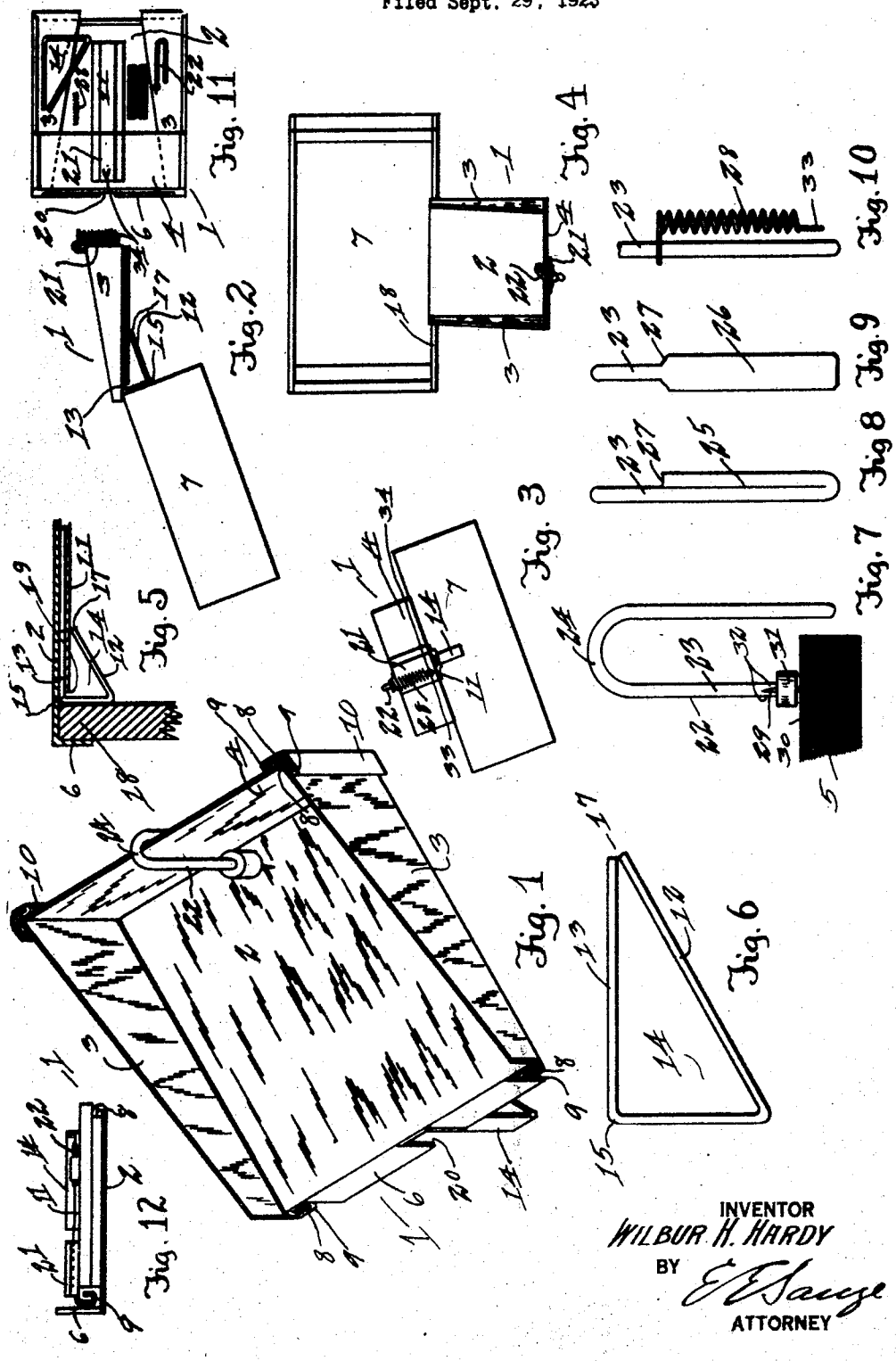
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PACKERS COLLAPSIBLE PAPER HOLDER

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PACKER'S COLLAPSIBLE PAPER HOLDER.

Application filed September 29, 1923. Serial No. 665,605.

To all whom it may concern:

Be it known that I, WILBUR H. HARDY, a citizen of the United States, residing at Freewater, in the county of Umatilla and State of Oregon, have invented certain new and useful Improvements in Packers' Collapsible Paper Holders, of which the following is a specification.

This invention relates to packers' collapsible paper holders and has as one of its objects to provide a paper holder that is adaptable to various conditions of service.

Another object of the invention is to provide a paper holder that will remain substantially horizontal under varying conditions thereby retaining the paper wrappers in a proper position for use.

A further object of the invention is to provide a paper holder that may be accommodated to varying conditions.

A further object of the invention is to provide a paper holder that is collapsible.

With these and other objects in view reference is now had to the accompanying drawings in which—

Fig. 1 is a perspective view of the device;

Fig. 2 is a side elevation showing one adaptation of the device;

Fig. 3 is an end elevation of the device showing another adaptation;

Fig. 4 is a plan view of the device and is a complemental view to Fig. 3;

Fig. 5 is a sectional view of a fragment of the device and box and shows attaching method;

Fig. 6 is an enlarged side elevation of an interchangeable brace;

Fig. 7 is a side elevation of a needle holder;

Fig. 8 is a rear elevation of a needle holder;

Fig. 9 is a rear elevation of a modified form of needle holder;

Fig. 10 is a side elevation of a fragment of a needle holder showing spring attachment;

Fig. 11 is a plan view (reduced) of the device collapsed; and

Fig. 12 is a side elevation (reduced) of the device collapsed.

Having reference to the drawings like numerals refer to like parts throughout the several views and the numeral 1 refers to a paper holder which consists of a plate 2, side pieces 3, and a back 4, the sides and back forming three sides to the holder, the front side remaining open for the withdrawal of paper wrappers 5 that will normally rest on the plate 2.

The plate is provided with a depending lip 6 on its open side and is for the purpose of hooking onto the side of a box 7, to be packed, and is positioned on the open side as this side must needs open on the box side as the papers are drawn toward the box in wrapping, in a manner to be explained.

The lip may be a separate piece and suitably attached to the plate or may be made integral therewith, as shown plainly in Fig. 1.

That the holder 1 may be collapsed, for transportation or other purposes, the plate 2 is provided with turned edges 8 designed to register with complemental turned edges 9 on the side pieces 3. Corresponding edges are likewise provided to join the back 4 and the plate 2, these are not shown however they being identical with the edges mentioned and therefore is deemed unnecessary.

The adjoining ends of the back and side pieces are also provided with turned edges 8 and the corners formed by the juncture of these pieces are secured by corner irons 10 which are provided with complemental edges 9 that engage the turned edges 8 of the back and sides.

The holder is assembled by sliding the back 4 into place by means of the above mentioned edges, then sliding the side pieces 3 into place with their ends resting against the ends of the back so that the back is prevented from lateral movement by the side

pieces, hence is locked in place, and the corners are then joined by the corner irons 10 which are similarly moved into place, when a rigid and substantial holder is formed.

Now, by withdrawing the corner irons, the side pieces, and the back in the order named, the holder will be collapsed and may be folded into a small package.

While this method provides removably mounted sides it is obvious that other means such as hinges (not shown) would provide for collapsing the device and hence any means of collapsing the holder coming within the scope of the claims may be used.

On the under side of the plate is a guide 11 designed to receive either leg, 12 and 13 respectively, of an interchangeable brace 14. This brace is formed preferably of flat material and is bent in the shape of a right angled triangle, having one of its bends 15 a right angle and the other bend at an approximate angle of 60 degrees. The ends 17 of the legs remain open so that either leg may be easily inserted in the guide, by which means the brace is made interchangeable, and with the leg 12 inserted in the guide the brace will support the holder against an inclined side of a box, and with the leg 13 inserted the brace will support the holder against a vertical side of a box.

In both cases the brace coacts with the lip 6, the latter hooking over the edge 18 of the box, as above explained, and the brace supporting the holder against the side of the box.

The end 19 of the guide is positioned back from the lip substantially the thickness of the box and to provide for insertion or withdrawal of the brace a recess 20 is cut in the lip 6 through which the brace may pass. Hence the brace may be slidably and removably mounted on the plate and may be interchanged as various conditions of service may require.

A guide 21 is also attached to the back 4 and provides for a needle holder 22 that is slidably and removably mounted therein.

The needle holder consists of a single wire 23 curved as at 24, and either bent upon itself, as at 25, or flattened as at 26, the object in either of the latter cases being to provide a shoulder 27 wherewith to support one end of a spring 28, which will be presently explained, and to provide a flattened piece that will slide in the guide and at the same time prevent the needle holder from rotating in the guide.

The opposite end of the needle holder is slotted, as at 29, to receive a needle 30 and a nut 31 threadedly engages the end of the needle holder and contracts the prongs 32 and thus secures the needle in place, in the usual manner of such securing means.

The spring 28 above mentoned is provided with a loop 33 at its bottom end which loop is engaged by a tit or projecting piece 34 attached to or made a part of the guide 21. By this means a constant downward pressure is maintained on the needle 30, the pressure being sufficient to force the point of the needle through a few of the upper sheets of wrapping paper 5.

Having thus described my invention, I claim—

1. In a paper holder, a plate, provided with a depending lip on one of its sides, collapsibly mounted sides and back pieces attached to said plates, an interchangeable brace removably mounted on the under side of said plate and positioned to coact with said lip to support said holder, and a needle holder removably mounted in said back.

2. In a paper holder, a holder having one of its sides open and provided with a depending lip formed on said open side, with its sides slidably and removably attached to said holder, an interchangeable brace removably attached to the bottom of said holder and positioned to coact with said lip to support said holder, and a needle holder removably and operably attached to one of said sides.

3. In a paper holder, a holder comprising a plate, side pieces slidably mounted on said plate to form three sides therefore, a depending lip attached to one side of said plate, an interchangeable brace removably attached to said plate and positioned to coact with said lip to support said holder, and a needle holder removably and operably attached to one of said sides.

4. In a paper holder, a holder comprising a plate, a back slidably mounted on said plate, side pieces slidably mounted on said plate, said side pieces positioned to lock said back in place, a lip depending from the open side of said holder, an interchangeable brace removably attached to said plate and positioned to coact with said lip to support the holder, and a needle holder removably and operably attached to said back.

5. In a paper holder, a holder comprising a plate, a back slidably mounted on said plate, side pieces slidably mounted on said plate, said side pieces positioned to lock said back in place, slidingly mounted corner irons joining the corners formed by the juncture of said back and side pieces, a lip depending from one side of said holder, an interchangeable brace removably attached to said plate and positioned to coact with said lip to support said holder, and a needle holder removably and operably attached to said back.

6. In a paper holder, a holder comprising a plate and provided with a depending lip, slidingly mounted sides attached to said plate, an interchangeable brace slidingly mounted on said plate and positioned to coact with said lip to support said holder, and

a needle holder slidingly mounted on one of said sides.

7. In a paper holder, the combination of a holder having one of its sides open and a depending lip formed on said open side, an interchangeable brace attached to the bottom of said holder and positioned to coact with said lip to support said holder, and a needle holder operably attached to said holder opposite to said open side.

8. In a paper holder, the combination of a holder having one of its sides open with a depending lip formed on said open side, and with its other sides collapsibly mounted on said holder, an interchangeable brace removably attached to said holder and positioned to coact with said lip to support said holder, and a needle holder operably attached to one of said sides.

In testimony whereof I affix my signature.

WILBUR H. HARDY.