

977,800.

C. O. HISCOCK.
PAPER HOLDER.
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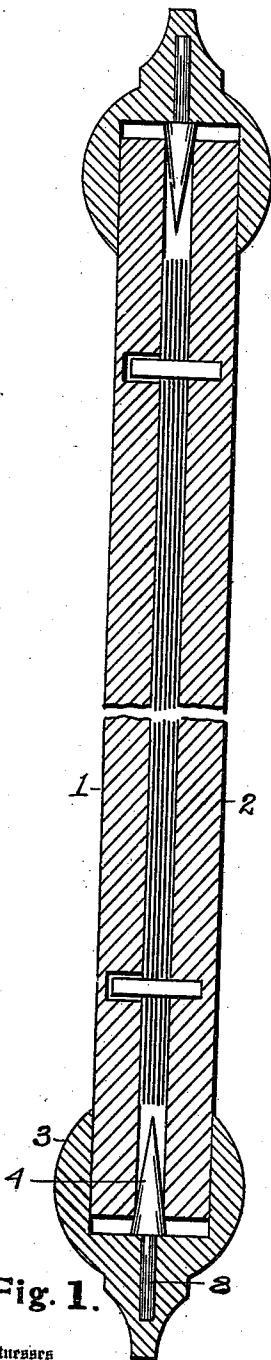


Fig. 1.

Witnesses

C. B. Baenziger.
Lotta Lee Gray.

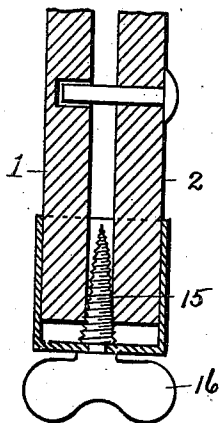


Fig. 2.

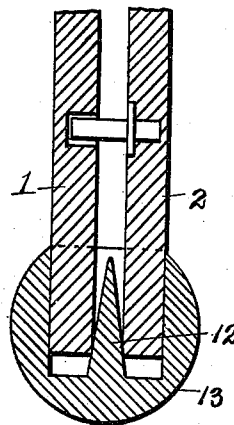


Fig. 3.

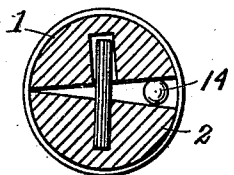


Fig. 4.



Fig. 6.

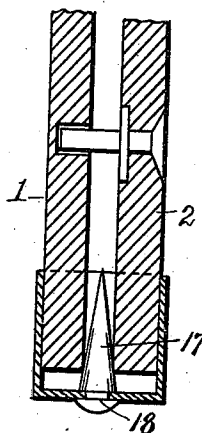


Fig. 5.

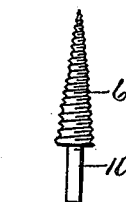


Fig. 7.

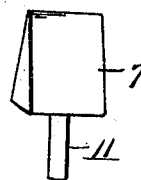


Fig. 8.

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PAPER-HOLDER.

977,800.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES O. HISCOCK, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Paper-Holders, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to paper holders or temporary binders.

It has for its object an improved holder within which to secure separate sheets of paper or similar articles.

In the drawings:—Figure 1, is a longitudinal section of the holder. Fig. 2, shows a screw spreader turning in the cap. Fig. 3, shows a cone spreader made integral with the cap. Fig. 4, shows a spreader eccentric to the center of the bars of the holder. Fig. 5, shows a spreader with a cup-like cap in place of the thicker wall cap of Fig. 1. Fig. 6, shows a modified cone form of spreader. Fig. 7, shows a conical screw form of spreader. Fig. 8, shows a wedge form of spreader.

In general the holder consists of two side bars, one of which is provided with pins and the other of which is provided with cavities in which the ends of the pins engage, and caps which engage over the ends of the two side bars, and are provided with wedges that enter between the bars and force them against the sides of the caps. The side bars 1 and 2 are preferably half round bars, which, when brought together form a holder that is substantially round in cross section. The pins may be made straight as shown in Fig. 1, or when greater stability is required, they may be made in one of the forms shown in Figs. 2, 3 and 5. Over the ends of the assembled bars engages a cap 3 which may be made of wood as is indicated in Fig. 1, or made as a pressed metal cap as indicated in Figs. 2 and 5, or as a cast metal cap as indicated in Fig. 3. In any case each has a cylindrical cavity in which the ends of the bars engage, and is provided at a point central to said cavity with a wedge, either a conical wedge 4, a more blunt pointed conical wedge 5, a threaded conical wedge 6, or a true wedge 7; any form is provided with means by which it is secured in place

in the cap, as by driving the stem 8 into the wooden cap 3 or by driving the stem 9 of the modified cone, or the stem 10 of the conical screw, or the stem 11 of the true wedge into the same wooden cap, or by riveting the stem 18 to the pressed metal cap 17 as shown in Fig. 5, or if preferred, the spreader may be made as a wedge 12 integral with a cast metal cap 13. It is sometimes better to place the wedge eccentric to the center of the cap as is indicated with the wedge 14 in Fig. 4, in which case one side of the opening between the bars is spread more than the other side. This throws the opposite edges together and binds the papers along the entire edge. The screw wedge 15 with a wing 16 turning in the cap serves to hold the cap in place somewhat more securely than the cap held by frictional engagement, but either form holds the cap with sufficient security for practical purposes.

What I claim is:—

1. A paper holder, having in combination side bars provided with holding pins, caps adapted to engage over the ends of the side bars, and spreaders of wedge form adapted to engage between the side bars and spread the same against the side walls of the cap cavities, substantially as described.

2. A paper holder, having in combination side bars provided with holding pins projecting from one of said side bars, and cavities in the other of said side bars, caps adapted to engage over the ends of said bars and spreading wedges located within said caps, and having their wedged faces diverging from the axis of said cap, substantially as described.

3. In a paper holder, the combination of side bars, caps adapted to hold the side bars together, wedges adapted to spread the side bars and means for securing the wedges in said caps, substantially as described.

4. As a means for holding the side bars of a paper holder, a cap adapted to engage over the ends of said side bars, a wedge secured in said cap with its wedged faces diverging from the axis of said cap, substantially as described.

In testimony whereof, I sign this specification in the presence of two witnesses.

CHARLES O. HISCOCK.

Witnesses:

WILLIAM M. SWAN,
ELLIOTT J. STODDARD.