

(No Model.)

J. G. JOHNSON.
PAPER BOX.

No. 506,403.

Patented Oct. 10, 1893.

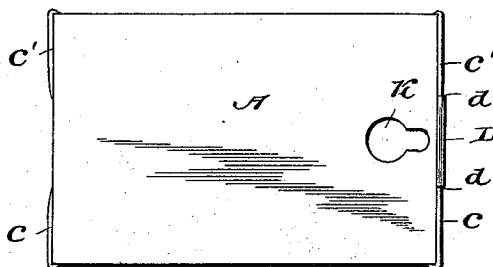
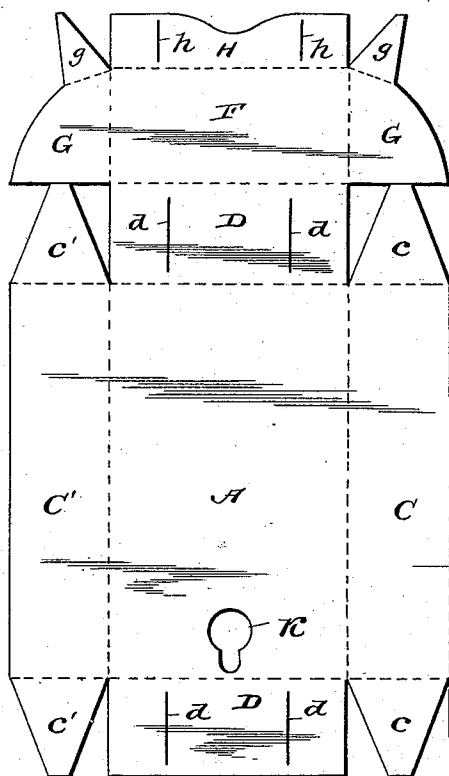


Fig. 4.

Fig. 1.

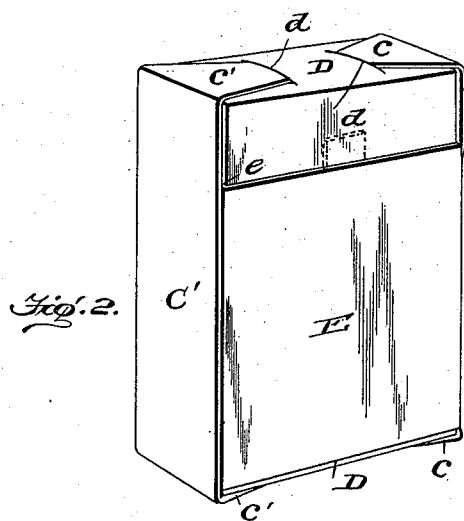


Fig. 2.

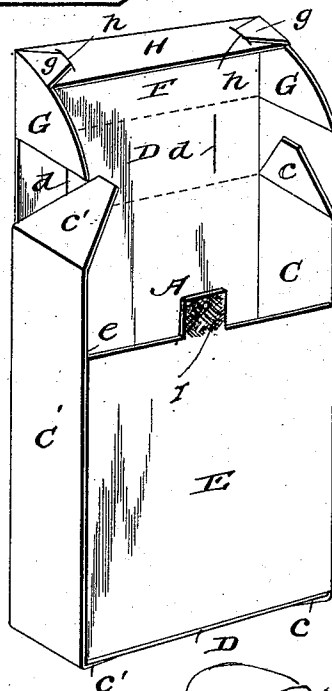


Fig. 3.

WITNESSES:

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PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 506,403, dated October 10, 1893.

Application filed December 30, 1892. Serial No. 456,778. (No model.)

To all whom it may concern:

Be it known that I, JOHN GEORGE JOHNSON, a citizen of the United States, residing at Gordon, in the county of Schuylkill and State of Pennsylvania, have invented certain new and useful Improvements in Paper Boxes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention is an improved box made from a single blank and designed to be used as a combined match box and safe.

The object of the invention is to provide a box made from a blank of such form that it may readily be folded into the required form and filled with matches at the factory or place of manufacture and placed in condition for shipment, and which, in the hands of the purchaser or user, may serve the purpose of a safe or receptacle which is readily accessible and of convenient size and shape.

The extreme simplicity of the invention reduces the cost to a minimum while at the same time a neat and effective article is produced.

The invention is illustrated in the accompanying drawings in which—

Figure 1 is a plan view of the blank from which the box is made. Fig. 2 is a perspective view of the box packed ready for shipment. Fig. 3 is a similar view of the box with the lid or lip open as seen when in use, and Fig. 4 is a rear view.

Referring more particularly to these drawings by letter, A designates the bottom or back of the box, and C, and C', the sides, which are, as shown, provided with the end flaps or projections c, and c'. At each end of the blank A, is an end portion D, adapted to form the end wall of the box, and each of these end pieces is provided with transverse slits d, into which the flaps c, and c', project, when the sides and ends are folded into a perpendicular position, and thus hold the parts together. The side piece C, carries the top or front piece E, which is adapted to cover approximately two-thirds of the length of the box, and flaps e, and e' are provided upon two

of the free edges of this top or front piece which, when the box is properly folded, lie in contact with the side and end adjoining and aid in strengthening the box. As the top or front portion E, does not, when folded over, extend over the whole top of the box there is a space left between its free edge and the end of the box, this space being adapted to permit access to the interior of the box when it is used as a safe. The said space is inclosed by the supplemental portion F, carried by the edge of the end portion, the point of connection between the end portion and this portion F, being preferably strengthened by suitable flexible material and adapted to act as a hinge. Flaps G, are formed upon the supplemental portion F, one upon each end thereof, each provided with a tongue or projection g, which engages a slit h, in the flap H. The outer corners or edges of the end pieces D, are provided with a suitable adhesive material adapted to be moistened when the box is made up, as also are the corners of the flap H, and any other points where it is found necessary or desirable, so that when the box is folded the adhesive material will aid in holding it firmly in shape.

When the box is folded and ready to be filled at the factory the side piece and the end pieces D, stand in planes perpendicular to the plane of the back A, and the portion E, is folded across with its flap e', in proximity to the end piece D. The flaps G, and H, of the supplemental cover F, are folded at right angles to the said cover, with the tongues g, entering the corresponding slits h, and this, together with the adhesive material, binds the parts together. The supplemental cover or lid is then folded over until its edge contacts with the edge of the main front portion E, forming a continuous front. A tongue or projection I, formed upon or secured to the edge of the portion E, and provided with adhesive material, is adapted to connect the edges of the portions E, and F, as shown. The side C' is left open until the box is filled, and then this too is folded up against the downwardly turned flap e which has its outer face covered with adhesive material, and the tongues c' enter the slits d, and the box is completely closed and in this condition is ready to be

shipped from the manufacturer to the retailer
or user. In the bottom or back A, near the
upper end thereof, or the end opposite the lid
F, I provide a small opening as shown at K,
5 by means of which the box may be hung upon
a nail against the wall or in similar position
convenient for use. When it is to be opened
the tongue or projection I is broken and this
10 allows the supplemental cover or lid to be
dropped down or opened as shown in Fig.
3, in which position ready access may be had
to the contents of the box, as the lid will
act as a tray into which the said contents will
15 drop as fast as those contained therein are
used up.

The outer face of the back A is left blank
for the address of the party to whom the box
is sent, while the remaining sides may be util-
ized for advertising matter, and a portion of

one side may be roughened to provide a sur- 20
face against which matches may be scratched.

Having thus described my invention, what
I claim is—

A paper box, consisting of the main portion,
the upper and lower contiguous flaps having 25
slits, the top supplemental portion integral
with the upper flap having the tongues and
flap provided with slits, the side flaps secured
to the main portion and having the tongues,
the side supplemental portion secured to one 30
of the side flaps and having the tongue and
the upper and lower flaps, as shown.

In testimony whereof I affix my signature in
presence of two witnesses.

JOHN GEORGE JOHNSON.

Witnesses:

W. I. SCHAFER,
G. T. NEAL.