

H. V. MARTIN.
TELESCOPIC BOX.
APPLICATION FILED MAY 19, 1913.

1,099,808.

Patented June 9, 1914.

2 SHEETS-SHEET 1.

Fig. 1.

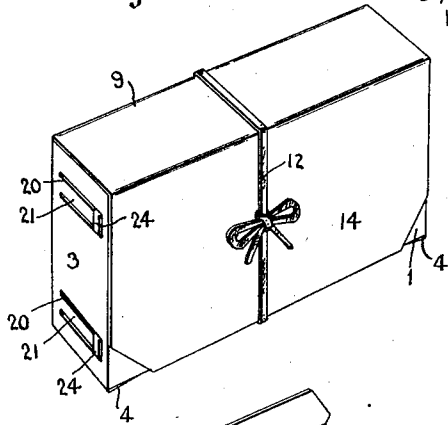


Fig. 2.

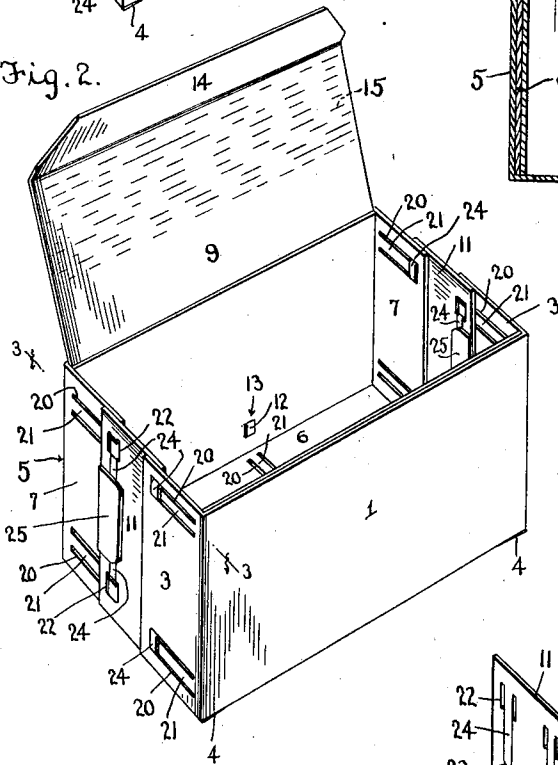


Fig. 3.

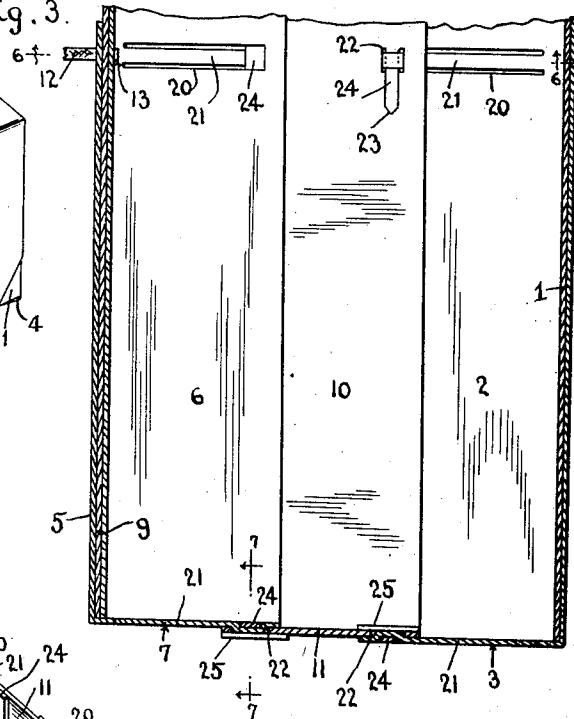
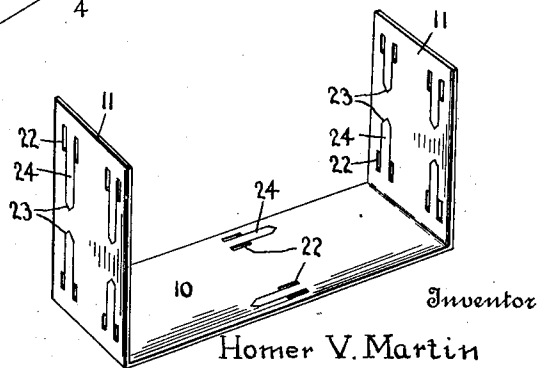


Fig. 4.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 5.

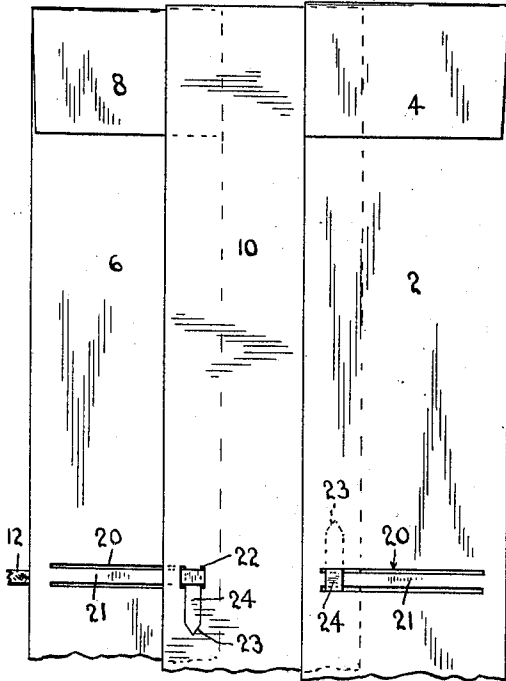


Fig. 6.

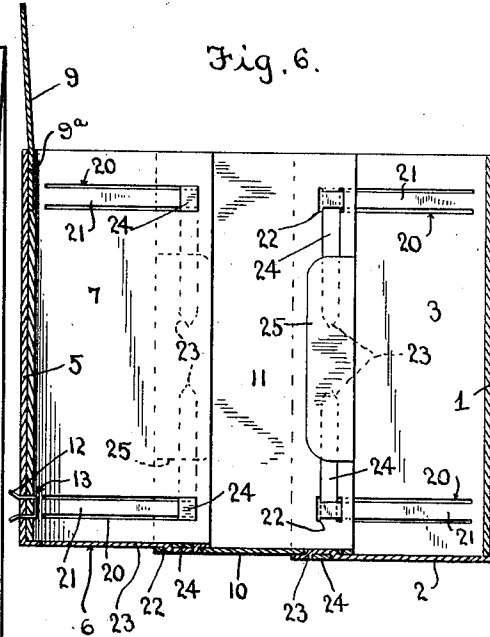
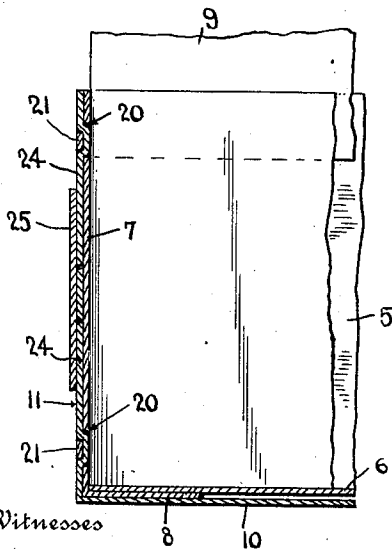


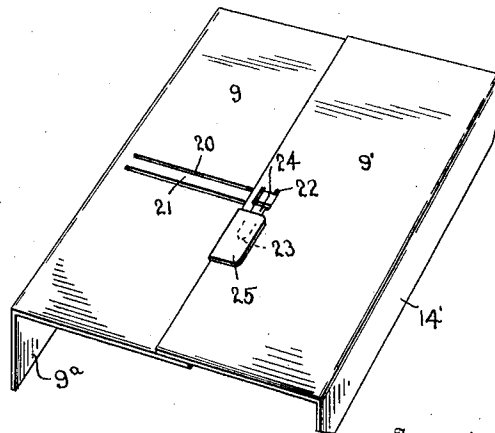
Fig. 7.



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Fig. 8.



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UNITED STATES PATENT OFFICE.

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TELESCOPIC BOX.

1,099,808.

Specification of Letters Patent.

Patented June 9, 1914.

Application filed May 19, 1913. Serial No. 768,633.

To all whom it may concern:

Be it known that I, HOMER V. MARTIN, a citizen of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Telescopic 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.

This invention relates to receptacles such as are usually made of paper and like stock, although I do not wish to be limited to this material; and more particularly it relates to such receptacles as are usually made from folded blanks.

The object of the same is to produce a telescopic receptacle with or without a cover, which latter is also capable of enlargement to fit the body when enlarged, the whole being used for containing material such as index cards which increases in bulk and therefore needs a receptacle capable of being increased in size in at least one direction. This and other objects are accomplished by constructing the box in a manner herein-after more fully described and claimed, and as shown in the drawings wherein—

Figure 1 is a perspective view of this box closed and tied. Fig. 2 is a perspective view of the same box open and its parts distended. Fig. 3 is an enlarged horizontal section of one end of the box, taken on the line 3—3 of Fig. 2. Fig. 4 is a perspective detail of the intermediate section. Fig. 5 is a bottom plan view of one end of the box. Figs. 6 and 7 are sectional views on the lines 6—6 and 7—7 respectively of Fig. 3. Fig. 8 is a perspective detail of a modified form of the top or cover.

In the drawings herewith I have shown the box in proportions adapting it for use in filing legal papers, and I have illustrated the same as having a cover, a cord or tape being provided to be tied around the box and its cover and to hold the latter closed. However, I do not wish to be limited to the proportions nor of course to the materials of parts, as the box is susceptible of wide modifications in its dimensions; the cover may be omitted entirely, or may be made to telescope as shown in Fig. 8, and whereas I have shown the box as consisting of a rear section, a front section, and an intermediate section, it may be made up of a smaller or

larger number of sections. On the understanding that the drawings herewith are illustrative merely of one embodiment of my invention, I will proceed to a description of the details of the forms thereof illustrated therein. The front section of this box comprises a front panel 1 turned inward at its lower edge into a bottom 2, and two ends 3 which are turned inward from the extremity of the front panel and which themselves have bottom flaps 4, turned under and secured beneath the bottom 2. In like manner the rear section comprises a rear panel 5, a bottom 6, two ends 7, and flaps 8 beneath the ends turned in under and secured to the bottom. The rear panel as illustrated also carries the cover 9 whose rear edge 9^a is inset into the upper edge of the panel. The intermediate section, of which but one is shown in the drawings, comprises a bottom 10 overlying the rear edge of the bottom 2 of the front section and underlying the rear edge of the bottom 6 of the rear section, and upright ends 11 rising from the bottom 10, each standing inside one front end 3 and outside the adjacent rear end 7. It will be clear that if the intermediate section were duplicated or repeated, a much larger box than shown would result. While any form of fastening device might be employed, I have shown a string or cord 12 attached to the rear section at the point 13, and when the box is closed upon its contents with the flap 14 of the cover 9 turned down either inside or outside the upper edge of the front panel 1, the fastening cord or tape is carried around the box and knotted in a manner which will be clear.

When means is to be provided whereby the several sections are slidably connected with each other, the box may be telescoped and enlarged as its contents grow in size; but if the cover shown is employed, I prefer to provide it with a number of transverse score lines 15 on any of which it may be folded to form the flap 14, as being perhaps the simplest way of providing for the enlargement of the cover to keep pace with the enlargement of the box body.

My improved means for providing a slidable connection between the corresponding panels of the several sections, constitutes an important feature of the present invention. Transversely across each end panel are cut two slits 20 leaving a strap 21 between them. This arrangement is dupli-

cated near the upper and lower edges of each end panel 3, and is also shown near the upper and lower edges of each end panel 7 of the rear section, and in all instances the strap extends to points near the front and rear edges of the panels. Near each upright edge of each end panel 11 of the intermediate section is cut a pair of upright slits 22 which meet at their lower ends in an angle 23, and between the slits above said angle is formed a tongue 24. There are two such tongues near the upper edge of the end panel 11 projecting downward, and two near the lower edge of this panel projecting upward and alining with the other two; and this structure is duplicated in the other end panel of the intermediate section.

With a box constructed as illustrated in the drawings, there are four straps in the front section, and four in the rear section, and these eight straps are engaged by four tongues on each end panel of the intermediate section. The straps all stand horizontal and the tongues all stand vertical, and this permits the latter to be strung through the slits 20 and around the straps as shown. Thereafter the inner ends of the tongues which stand in alinement with each other are connected by any suitable means such as pieces pasted or stitched thereover and forming seals as at 25, and therefore the tongues now become in effect upright strips. If all the strips are made of liberal width, the several sections can now be telescoped upon each other in a manner which will be clear. In the drawings I have shown this arrangement as duplicated once at the mid-length of the bottom, though if the box be long it might have two such sliding connections within its bottom. The construction here need not be described in detail, further than to say that the seals are omitted in the drawings and may even be omitted from the completed articles as the necessity for them in this part of the receptacle is not so pressing. In Fig. 8 I have shown the same construction as duplicated within the top or cover of the box, whereby this element is made up of panels 9 and 9' and the latter carries a smaller flap 14' from which the score lines 15 may be omitted. A detailed description of the construction of the strap and tongue need not be given in this connection, as it follows closely that given above, but here I would employ the seal 25 because the cover is much used and the tongue is quite liable to become broken. In all places, however, if the material of the box were stiff such as tin, it might be possible to omit the seals entirely, although even then they might be used if great strength was desired. Although not necessary to illustrate, it is obviously quite possible to make each section of a box which is telescopic as shown, telescopic in the other di-

rection so that the length of the box as well as its width might be increased as desired. The uses and advantages of such a receptacle need not be elaborated here.

What is claimed as new is:

1. A flat member provided with a strap; combined with a second flat member overlying the first and provided with a pair of parallel slits at right angles to the strap and meeting at one end to produce an interposed tongue, the tongue passing under the strap and being narrower than the length of said strap, and a seal connecting the tip of the tongue to the body of the second member outside its slit and beyond the end of the tongue.
2. A flat member provided with two pairs of parallel slits producing two parallel straps; combined with a second flat member overlying the first and provided with two alined pairs of parallel slits at angles to the first-named slits, the members of each pair being united at their ends nearest the other pair to produce an interposed tongue, and a seal standing between said pairs and connecting the free ends of said tongues to this member, each tongue passing under a strap.
3. A flat member provided with a pair of parallel slits producing an interposed strap; combined with a second flat member overlying the first and provided with a pair of slits at right angles to the first-named slits throughout most of their length and united at one of their ends, thereby producing between them a tongue having one free extremity, and a seal covering the united ends of these slits and attaching the tip of the tongue to the last-named member, the tongue passing under the strap and the latter being longer than the width of the tongue.
4. The herein described telescopic box made up of a front section, a rear section, and an intermediate section, each section having bottom and end panels and the front and rear sections respectively having front and rear panels, pairs of horizontal slits in the ends of the front and rear sections producing straps, and pairs of upright slits near the front and rear edges of the ends of the intermediate section united at one end to produce tongues between them, pairs of transverse slits across the bottom panels of the front and rear sections producing straps between them, pairs of longitudinal slits near the front and rear edges of the bottom panel of the intermediate section united at one end to produce tongues between them, all the tongues slidably engaging the straps, for the purpose set forth.
5. In a telescopic box, the combination with a body made of front and rear and intermediate sections overlapping each other, and means for permitting their sliding adjustment upon each other where they overlap; of a cover made in two overlapping

sections, means for permitting their sliding
adjustment upon each other, fixed connec-
tions between the rear cover-section, the rear
panel of the rear body section, and a flap
5 along the front edge of the front cover sec-
tion.

In testimony whereof I have hereunto set

my hand in presence of two subscribing wit-
nesses.

HOMER V. MARTIN.

Witnesses:

F. L. PELTON,
E. M. WARNER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."