

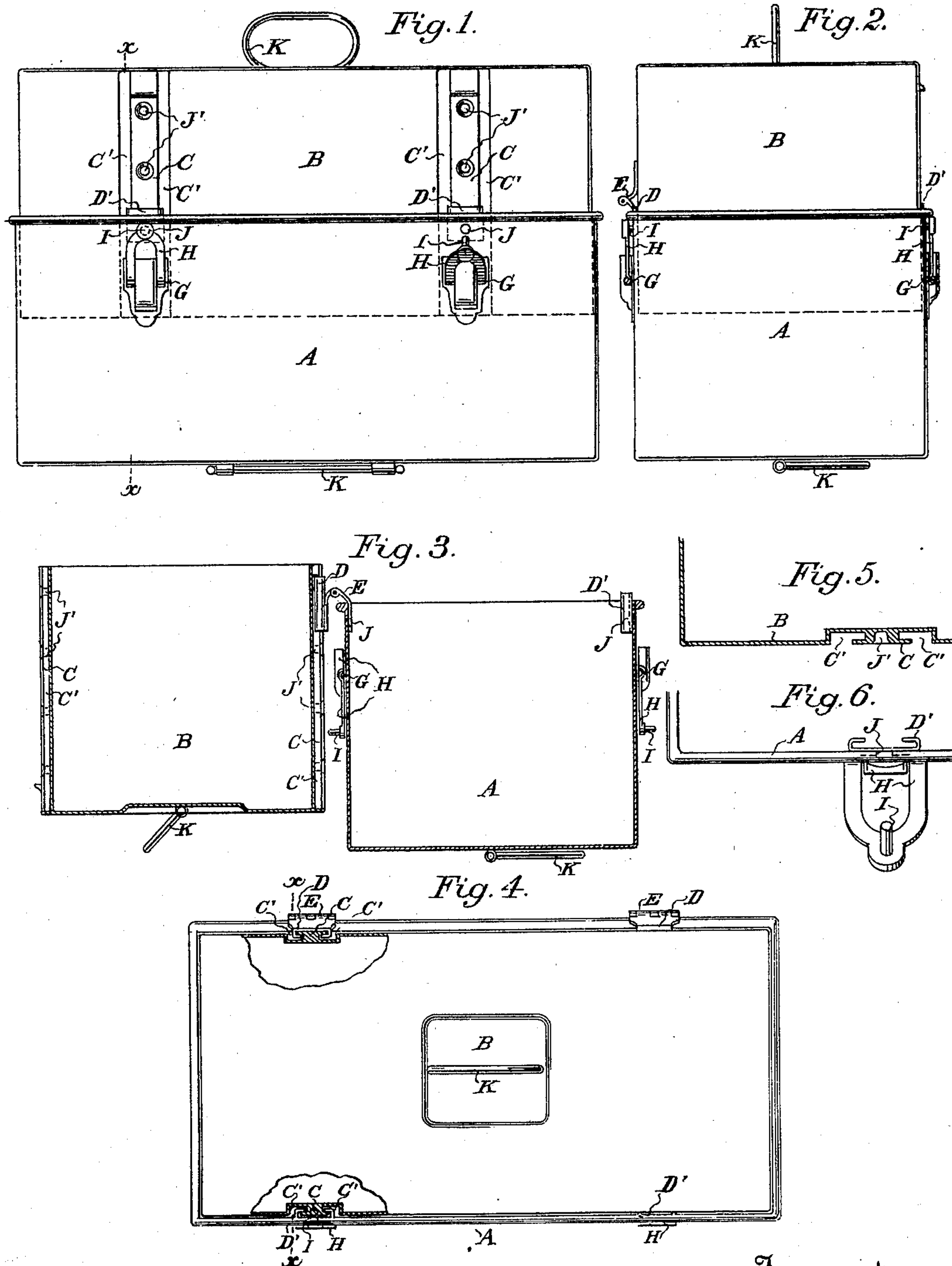
No. 637,997.

Patented Nov. 28, 1899.

C. J. RUSSELL.
HINGED TELESCOPIC BOX.

(Application filed Mar. 24, 1899.)

(No Model.)



Witnesses,

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UNITED STATES PATENT OFFICE.

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HINGED TELESCOPIC BOX.

SPECIFICATION forming part of Letters Patent No. 637,997, dated November 28, 1899.

Application filed March 24, 1899. Serial No. 710,331. (No model.)

To all whom it may concern:

Be it known that I, CHARLES J. RUSSELL, a citizen of the United States, residing at Santa Maria, county of Santa Barbara, State of California, have invented an Improvement in Hinged Telescopic Boxes; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a telescopic box having a combination of hinges and slidable guides whereby the two telescoping parts of the box may be adjusted to give any desired depth within its capacity, and at the same time the parts are connected by the hinge, so that when they are extended to their fullest capacity one may be turned about the other by means of the hinge to open the box without separating the parts.

It also comprises latching devices or locks by which the parts may be held at any point of adjustment and details of construction, which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a front elevation of my invention. Fig. 2 is a side elevation of the same. Fig. 3 is a transverse section on the line *xx* of Fig. 1, showing the two parts of the box separate. Fig. 4 is a plan of Fig. 1. Figs. 5 and 6 are detail views, on an enlarged scale, of one corner of the parts A and B.

A and B are the two sections of which the box is composed, the part B being slidable and fitting snugly within the part A. These parts are made of papier-mâché or fiber or any suitable material for the purpose. The part B has straps C fixed in countersunk grooves or channels C' along the vertical sides, as shown. The outer parts of these straps are wider than the part immediately beneath, so that in cross-section they are T-shaped, thus forming grooves or channels beneath the outer part or head, and these fit into correspondingly-shaped clasps D, which are connected with the part A of the box. The clasps D upon the rear form the turnable part of the hinges E, the other portion of the hinges being fixed to the lower part A of the box.

The clasps D' upon the front of the box are

fixed interior to the top of the section A, and when the two parts A and B are in line the tongue-and-grooved straps C are slidable in the clasps D D', which stand in line with them, and the part B may be slid into the part A to any desired depth.

In order to hold the two parts in the desired relation to each other, I have shown spring-latches H, which are turnable about pivot-points G and which have upon their swinging ends pins I. In the sides of the section A are holes through which these pins pass, and corresponding holes J' are made in the straps C, so that the pins I passing through the holes J will enter the holes J', which may be at the time in line with the holes J, and will thus hold the two parts firmly together.

The sections A B of the box are preferably provided with loops K, formed in any appropriate manner and adapted to receive a leathern strap, which may extend from one loop to the other and serve as a handle by which to carry the box.

The hinges E have the clasps D, which are at that side of the section A, attached to them in such a manner that the clasps will stand in line to receive the T-shaped slides C when the two sections A and B are in line, and thus allow them to slide together.

When the two parts A and B have been separated until the lower edge of B is just ready to leave the open top of A, the slide C upon the rear will be arrested by a suitable stop against the clasps D, and the upper part B may then be turned about the hinges and opened outwardly, as shown in Fig. 2, so that the interior of the sections is exposed for any desired use.

By this construction I provide an extremely convenient telescopic box the parts of which are always retained together without the use of leathern straps and may be opened about their hinges with relation to each other or closed and the dimensions of the box contracted by telescoping the parts to suit the bulk of the contents.

Locks of any description may be used to permanently secure the parts together when properly adjusted.

Having thus described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

1. A telescopic box consisting of sections one slidable within the other, vertical bars 5 upon the sides of one section and in which said bars are slidable, latches fixed to one section and adapted to engage the other section to retain the sections in any adjustment with relation to each other, and a hinge connection 10 whereby the sections may be opened or closed with relation to each other without separation.

2. A telescopic box consisting of sections, one of which is slidable within the other, T-shaped bars fixed vertically upon opposite 15 sides of the inner sections, hinges fixed to the other section having clasps carried by the turnable leaf of the hinge in which the rear T-shaped bars are slidable whereby the sections 20 may be extended to their limit and then opened about the hinges.

3. In a telescopic box sections, one of which is slidable within the other and combined slidable guides and hinges whereby the parts 25 may be closed together or extended and opened with relation to each other without separation.

4. A box consisting of telescopic sections having slidable guides and hinges fixed to 30 one of the sections with which the slidable guides upon that side are connected and about which they are turnable.

5. The combination of box-sections one adapted to telescope within the other, and a 35 combined slidable guide and hinged connection between said sections.

6. A box consisting of two sections, the inner one having vertical countersunk channels upon opposite sides, guide-bars fixed in said

channels so as not to project beyond the surface 40 of the section, guiding-clasps fixed to the front of the larger section, in which said bars are slidable, hinges having one leaf fixed to the rear of said section and clasps fixed to the movable leaves of the hinges in which the 45 bars of the rear side are slidable and also turnable about the hinge-pin when the two sections have been extended.

7. A two-part box comprising sections, one of which telescopes within the other, hinges 50 having one leaf fixed to the lower section and the other turnable, and clasps or guides carried by the movable leaves of the hinges, guides fixed to the sides of the smaller section, the rear guides being slidable in the 55 clasps upon the hinges and similar clasps fixed to the front side in which the corresponding bars of the front are slidable, swinging latches pivoted to the lower section having pins extending from the movable ends, holes 60 made through the upper opposite sides of the lower section and corresponding holes in the sliding bars of the other section, with any set of which the pins are adapted to engage to 65 adjust the size of the receptacle.

8. In a box of the character described, the sections adapted to telescope one within the other, a combined slidable guide and hinged connection between said sections and raised loops on the sections adapted to receive a strap 70 or connection.

In witness whereof I have hereunto set my hand.

CHARLES J. RUSSELL.

Witnesses:

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S. D. ALMEGER.