

(No Model.)

P. C. VAN DOLAH.
SECTIONAL CASE.

No. 564,461.

Patented July 21, 1896.

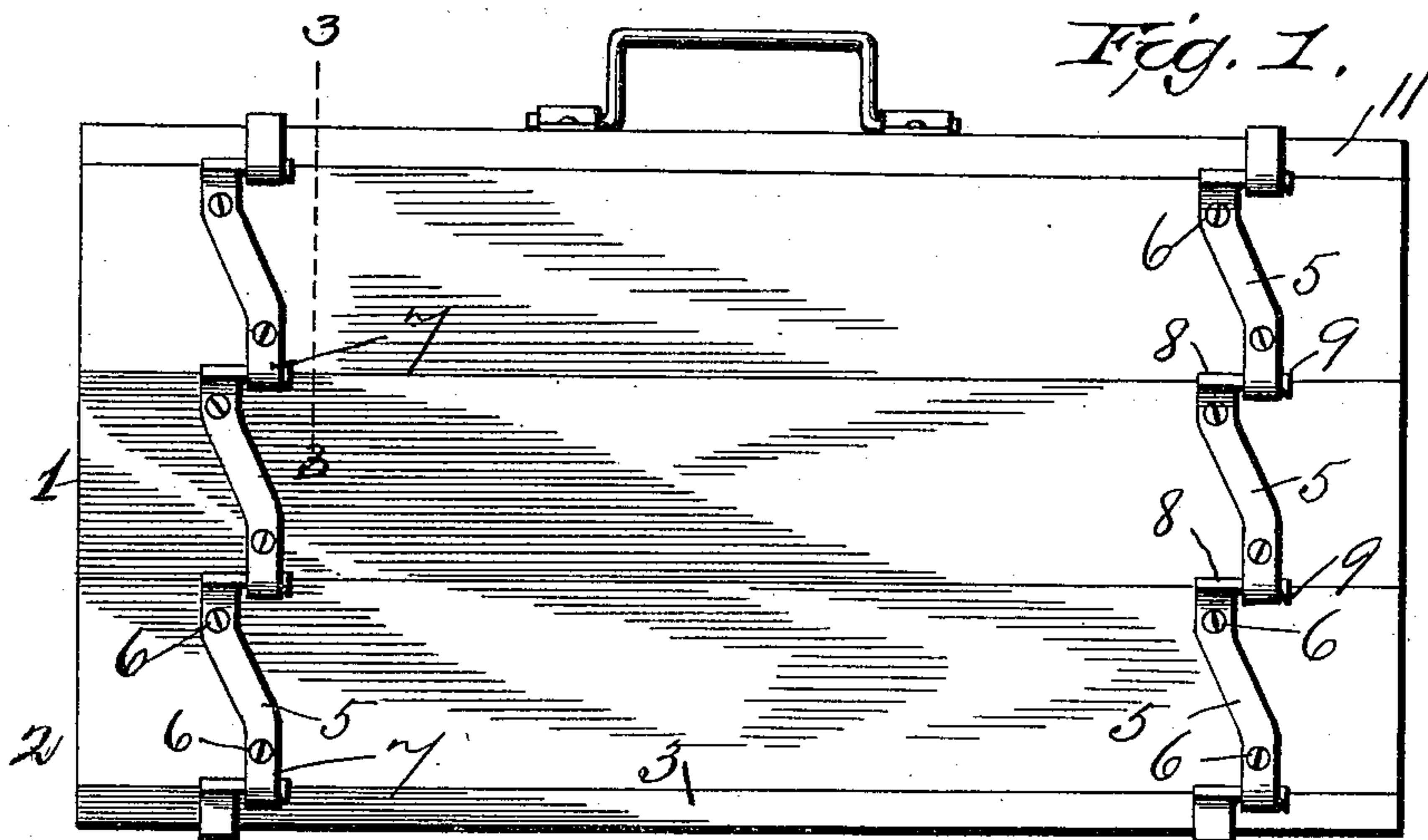


Fig. 2.

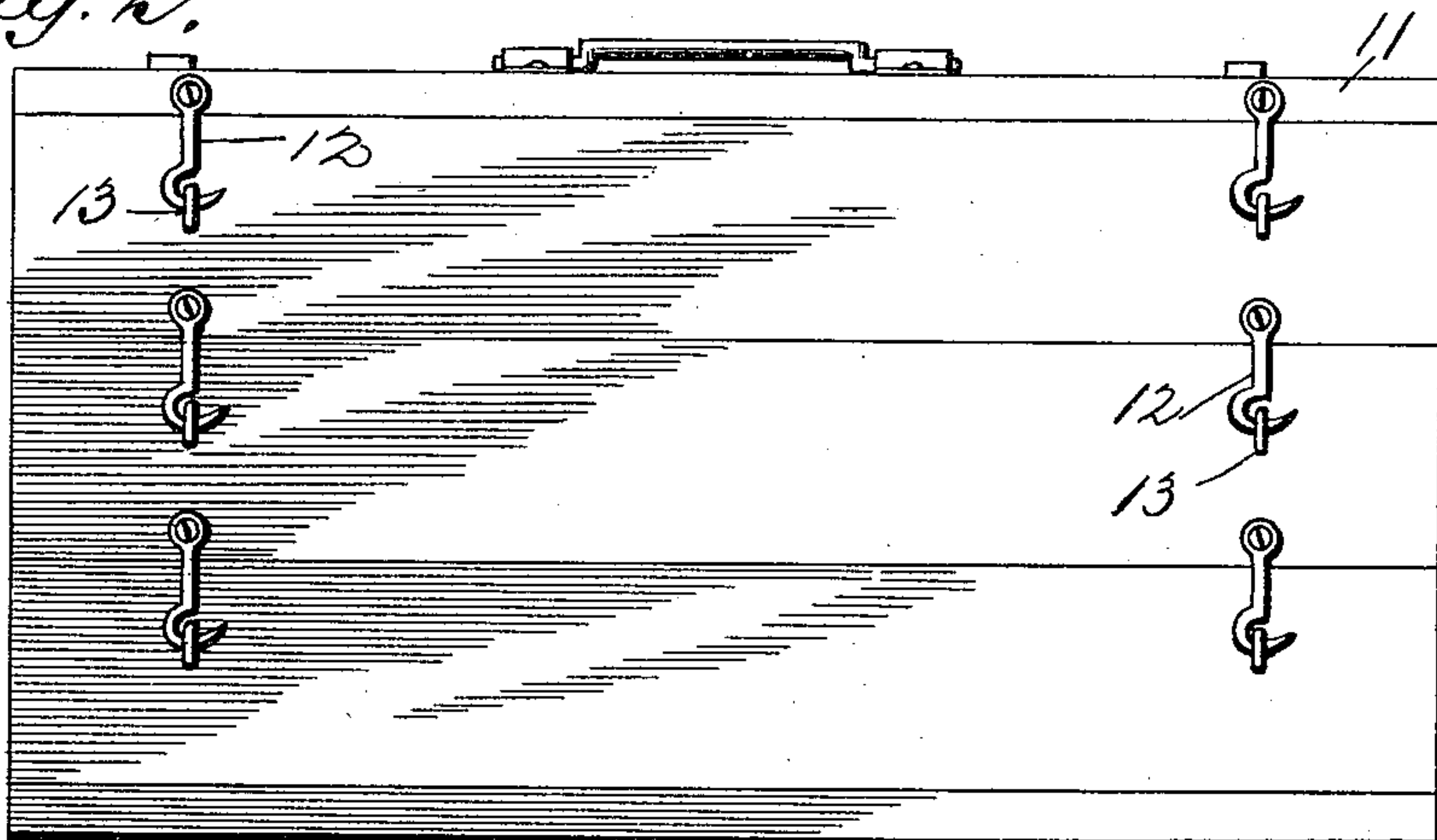


Fig. 3.

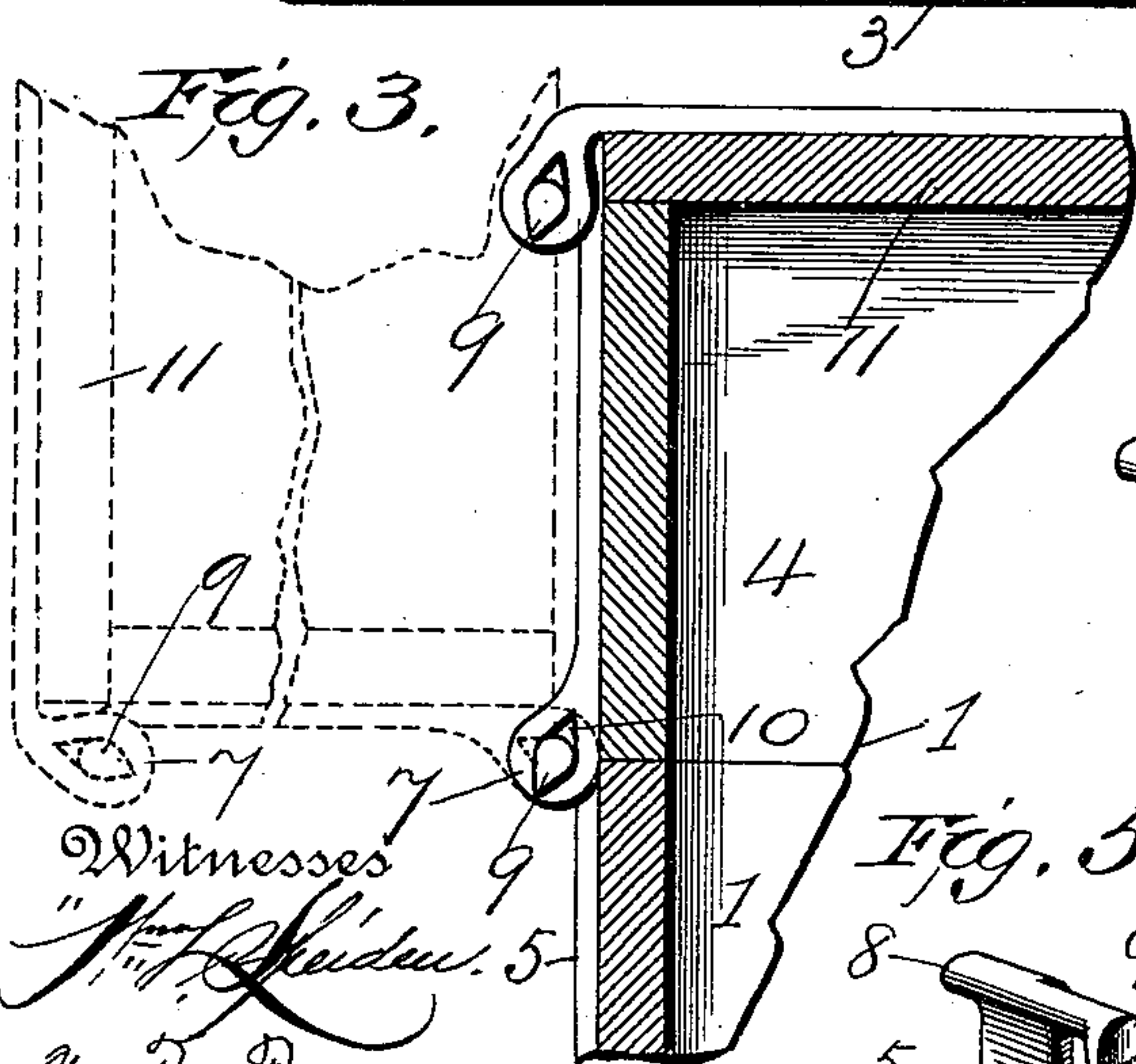


Fig. 4.

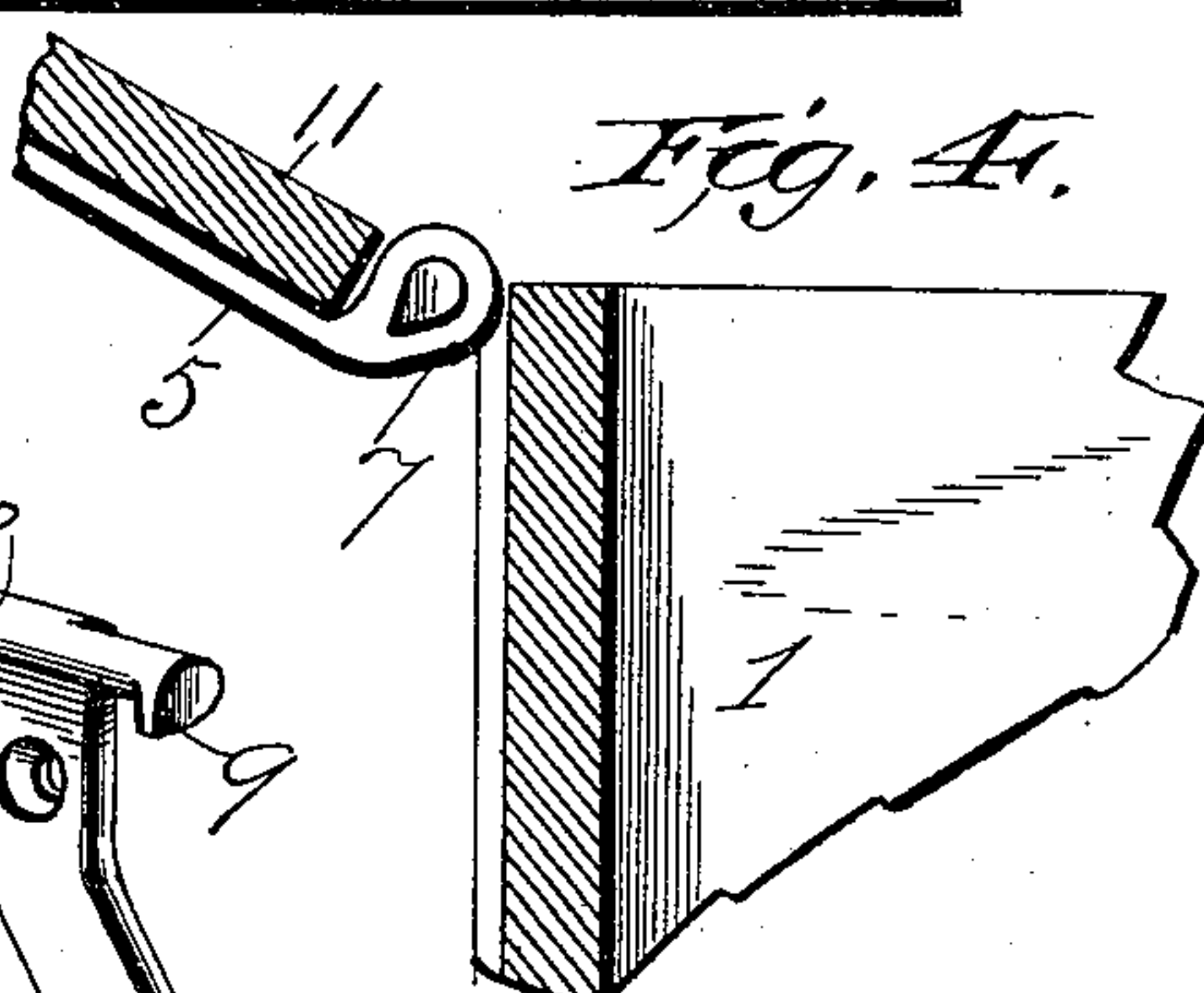
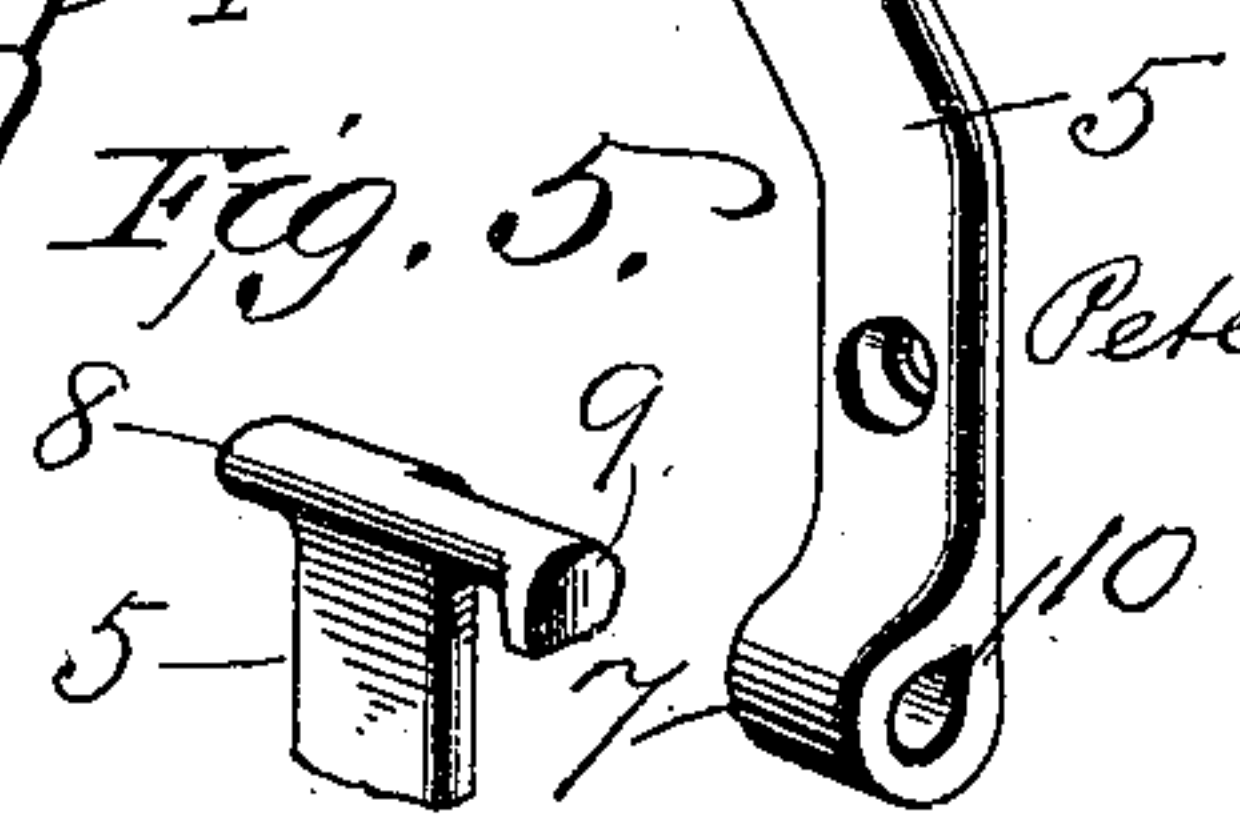


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

PETER CLARK VAN DOLAH, OF KINGSVILLE, MISSOURI.

SECTIONAL CASE.

SPECIFICATION forming part of Letters Patent No. 564,461, dated July 21, 1896.

Application filed April 25, 1896. Serial No. 589,081. (No model.)

To all whom it may concern:

Be it known that I, PETER CLARK VAN DOLAH, a citizen of the United States, residing at Kingsville, in the county of Johnson and State of Missouri, have invented certain new and useful Improvements in Sectional Cases or Boxes; and I do hereby 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 improvements, as hereinafter set forth, in sectional cases or boxes.

In the drawings, Figure 1 represents a rear elevation, and Fig. 2 a front elevation, of a sectional box or case constructed according to my invention. Fig. 3 represents an enlarged detail section on the line 3 3 of Fig. 1. Fig. 4 represents a similar section with the lid or a superposed section thrown back in position for removal. Fig. 5 represents a detail perspective view of one of the hinge-sections.

The sectional case herein described, and shown in the drawings, while especially designed for the conveyance of eggs and other commodities wherein it is at times desired to readily adjust the size of the case to a varying capacity, is equally adaptable for use in other connections where it may be desirable at times to adjust the capacity and size, vertically, of a box or case.

The improved case or box may be composed of any number of sections 1, each, except the bottom one 2, which is provided with a bottom 3, being either in the form of bottomless trays 4, to receive a series of egg-containing cells or other commodity receiving and transporting receptacles, (not shown,) or, as will be readily understood without illustration, each or either of said trays may be provided with a bottom of usual construction. At the rear of and adjacent to each end of each tray above the bottom section is a strap 5, removably secured thereto by screws 6, or other suitable means, each of said straps being, preferably, though not essentially, of reverse curvature, as shown, and having at its bottom portion an elongated eye 7 and at its upper portion a horizontal pintle 8, having an angularly-extending offset 9, which, when

the pintles on one section are engaged with the eyes of the adjacent section, whenever said connected sections are superposed the one on the other, or vertically parallel, contacts with the circular portions of the eyes 7, thereby locking said connected portions of the adjacent hinge-sections together and preventing their being slid apart. When, however, it is desired to either remove a section, or to place one in position on another section, said section is held at an angle of about forty-five degrees, which brings the angularly-extending offsets 9 in line with the lower elongated portions 10 of the eyes and permits of the said offsets being readily slid through said elongated portions, and consequently said section slid either into or out of position with the adjacent section. This construction of hinge admits, as shown, of the respective sections being turned over horizontally without removal, as said offsets always, except when brought into alinement with the elongated portions 10 of the eyes, engage with the round portions of said eyes and thereby securely hold said sections in position. The lid 11 is similarly provided with a strap having at its rear ends depending pintles provided with either angularly-extending offsets, as before described, to engage with the eyed portions of the hinge-sections of the for the time being top case-section or with eyed portions to engage pintles on said sections.

It will be apparent that when it is desired to lessen the depth of the box or case by the removal of any number of the sections thereof all that is necessary is to raise the lid and turn it to the requisite angle to bring the offsets 9 in line with the elongated portions of the eyes 7, slide said lid off, then similarly remove the number of case-sections it is desired to remove, and then place the offsets 9 on the pintles carried by the lid in alinement with the elongated portions of the eyes of the hinge-section on the then top case-section and slide said offsets and pintles in said eyes, and then turn the lid over either rearwardly to leave said lid open or forwardly to close said lid.

12 represents hooks, and 13 represents eyes, located at the front of the respective sections, and lid for connecting the same. Any other

securing device may, however, be used for such purpose as desired.

It will be readily understood that the location of the eyed and of the pintled portions of the respective hinges may be reversed from the position thereof shown in the drawings and described herein without departing from my invention.

Having thus described my invention, what I claim is—

1. A sectional case for containing and transporting commodities, consisting of a series of vertically-disposed sections each section having at its rear a pair of straps each having at one end a laterally-extending pintle having an offset and at its other end an elongated eyed portion, substantially as and for the purpose set forth.

2. A sectional case for containing and transporting commodities, consisting of a series of vertically-disposed sections, each section having at its rear a pair of straps each having at one end a laterally-extending pintle having an offset and at its other end an elongated eyed portion, and a lid having at its rear a pair of depending straps having an

elongated eyed portion, substantially as and for the purpose set forth.

3. A sectional case consisting of a lid, a pair of straps depending rearwardly thereof and having an elongated eyed portion one or more sections, and vertical straps secured to the rear of said sections and each having an angularly-extending central portion and, at one end, an elongated eye and, at its other end, a lateral pintle having a transverse offset, substantially as and for the purpose set forth.

4. A sectional case consisting of a plurality of sections, and vertical straps secured to the rear of said sections and each having at one end an eye having a transversely-tapering bore and at its other end a lateral pintle having a transverse offset, substantially as and for the purpose set forth.

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

PETER CLARK VAN DOLAH.

Witnesses:

JOHN R. GARRISON,
ROBERT A. WINDSOR.