

No. 647,977.

Patented Apr. 24, 1900.

J. LOVERA.
SEALING DEVICE FOR BOXES, &c.

(Application filed June 7, 1899.)

(No Model.)

FIG. 1.

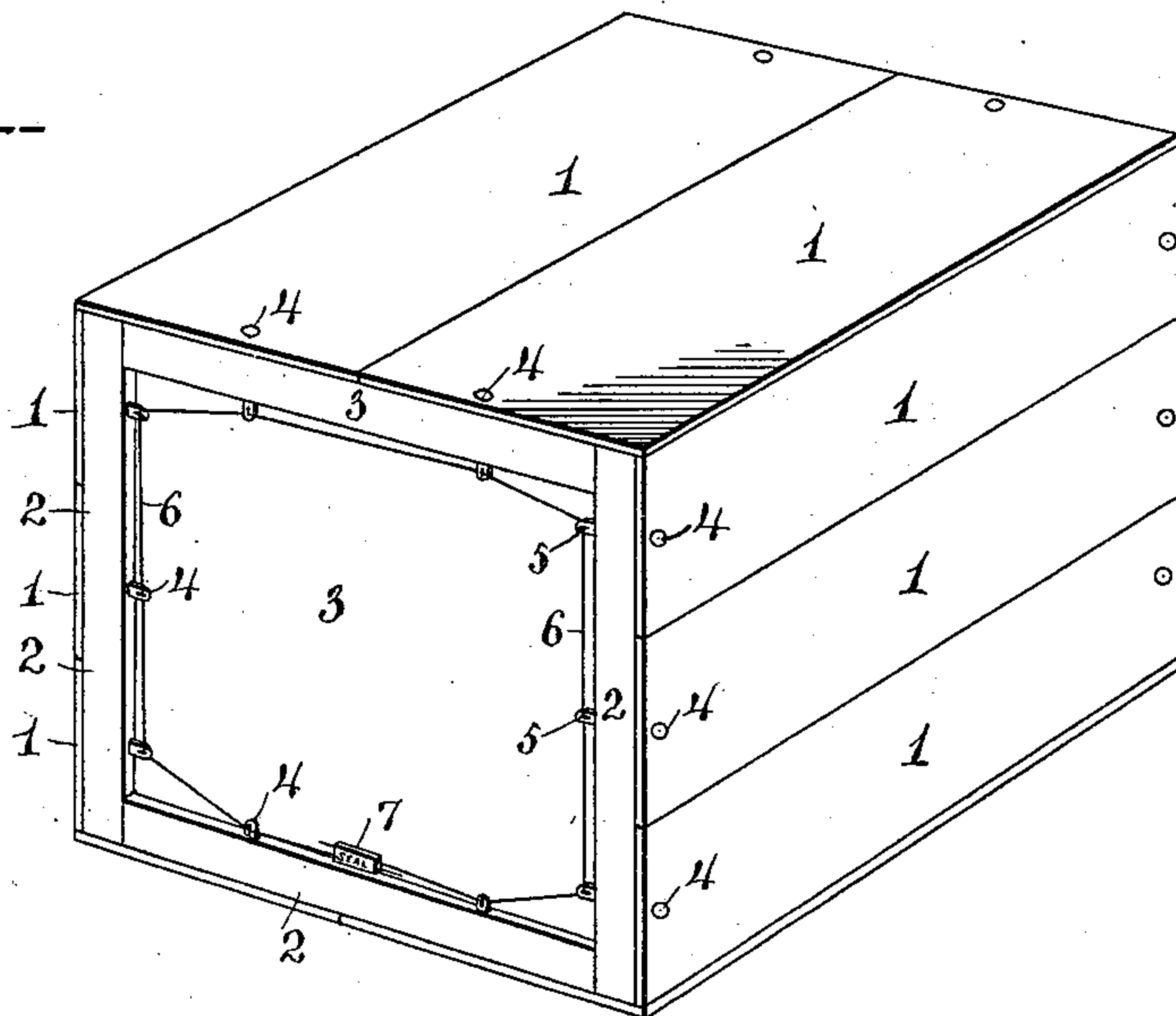


FIG. 2.

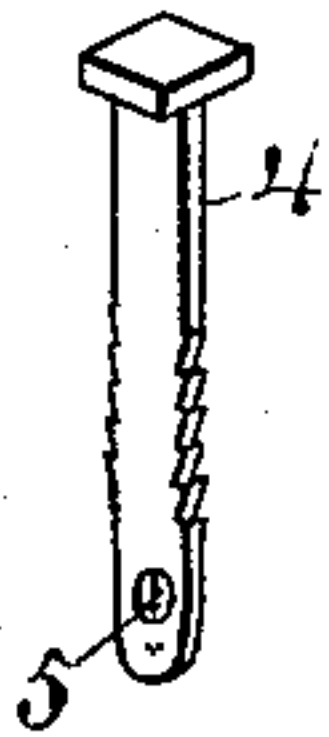


FIG. 3.

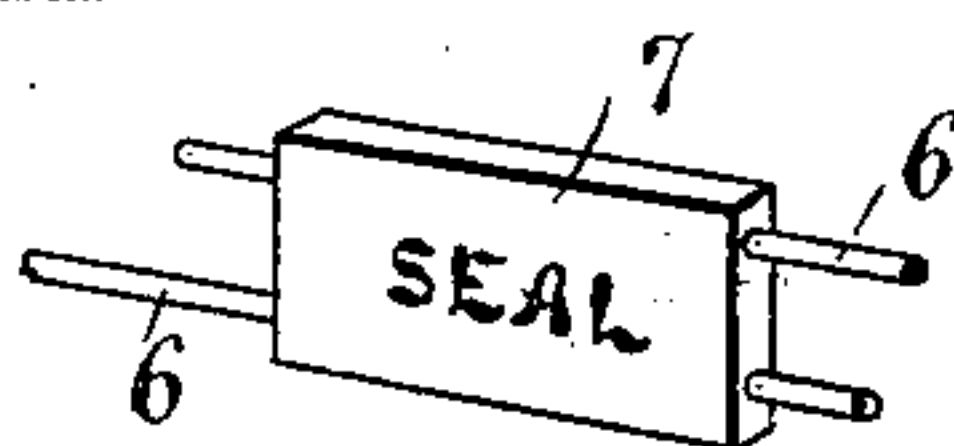
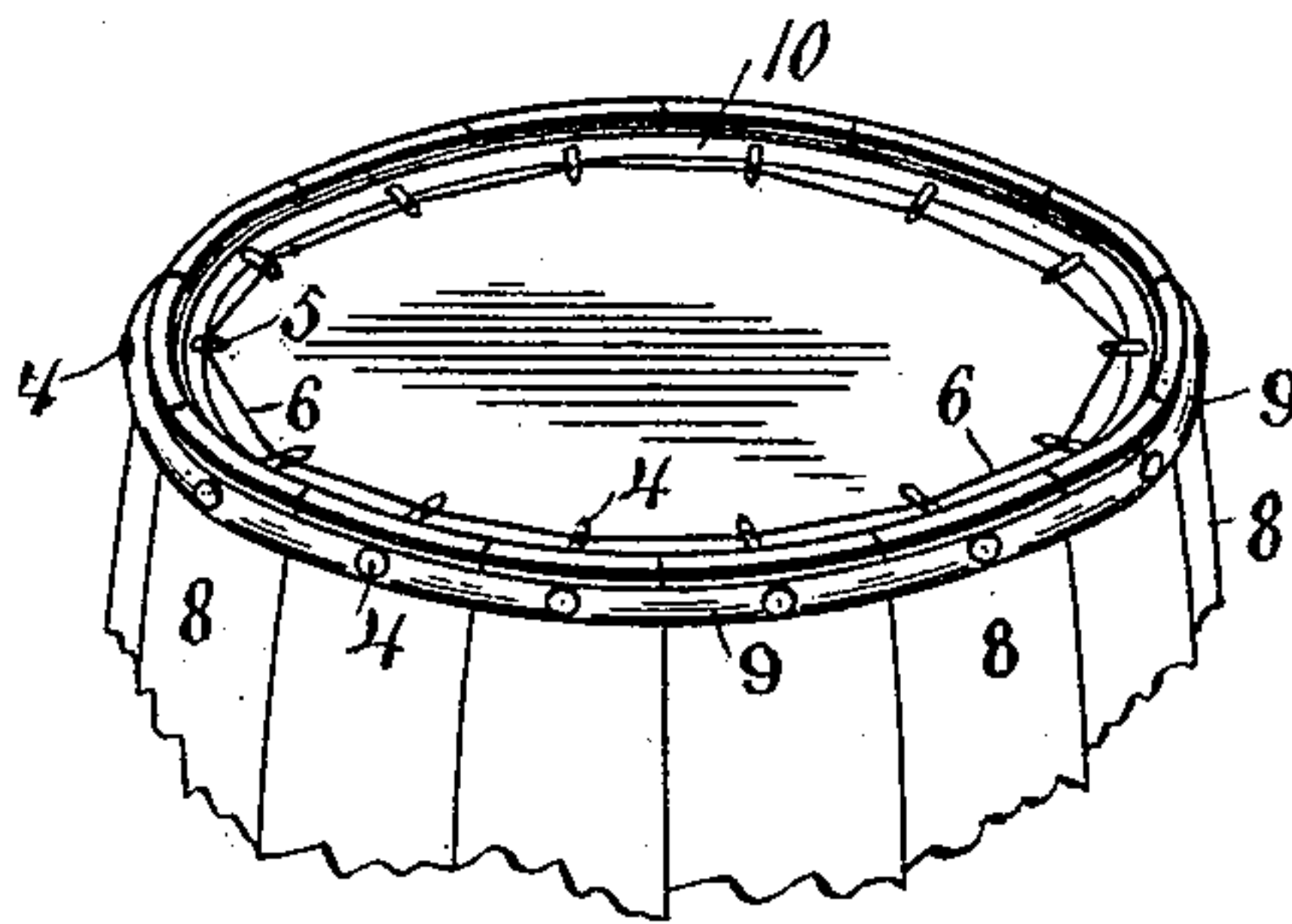


FIG. 4.



FIG. 5.



WITNESSES

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SEALING DEVICE FOR BOXES, &c.

SPECIFICATION forming part of Letters Patent No. 647,977, dated April 24, 1900.

Application filed June 7, 1899. Serial No. 719,669. (No model.)

To all whom it may concern:

Be it known that I, JOSÉ LOVERA, a resident of Tampa, in the county of Hillsborough and State of Florida, have invented certain
5 new and useful Improvements in Devices for Sealing Boxes, &c., of which the following is a specification.

While the range of application of my invention is very wide, it is intended more particularly for use in wooden packing or storing
10 vessels, such as boxes, barrels, and the like, and has for its object to provide a simple, cheap and effective means for sealing the same in a manner to prevent removal or displacement of any one of the component parts of the
15 vessel without breaking the seal.

To these ends my invention consists in the combination, with a pin, bolt, or nail passing through each of the component parts of the
20 vessel or any of such parts which it may be necessary to displace in gaining access to the vessel, of a sealing strand of thread or wire passing through the pins, bolts, or nails and having its ends suitably secured by a seal,
25 the whole being arranged so that no part of the vessel can be displaced sufficiently to give access to the vessel without breaking the seal.

For purposes of illustration my invention is herein shown as applied to an ordinary rectangular packing box or case and also to a barrel or cask.

In the accompanying drawings, Figure 1 is a perspective view of a packing box or case to which my invention is applied. Figs. 2, 3,
35 and 4 are views representing suggestive forms of the pins, bolts, or nails, and the seal which are employed in carrying out my invention. Fig. 5 is a perspective view of one end of a cask to which my invention is applied.

40 In Fig. 1 the packing box or case is constructed of boards 1, end strips 2, and heads 3. Through each end of the boards 1 and the end strips to which it is secured is passed a pin, bolt, or nail 4 of suitable length to provide a projecting end within the recess formed
45 by the strips. Said pins are provided with perforations 5 on their inner ends, and through all of the perforations 5 is passed a continuous strand of thread or wire 6, the ends of which
50 are brought together at any suitable point

and securely held in any suitable lock or seal 7, preferably of a form which is compressed about the ends to hold them together. With a construction as thus described it is obviously impracticable to remove any one of the
55 boards 1 or the head 3 without first breaking the wire 6 or destroying the seal 7. The box or case is therefore absolutely sealed against removal of the contents.

As will be understood from Figs. 2 and 4, 60 the pin, bolt, or nail 4 may be of any one of the number of different forms. For securing parts of large dimensions it may be preferable to employ an angular flattened form, as shown in Fig. 2, while for ordinary use a form, 65 as shown in Fig. 4, corresponding substantially to an ordinary wire nail may be employed. It will be understood that the form of seal illustrated in Fig. 3 is merely suggestive, as any suitable form of seal may be employed.
70

For securing barrels, casks, and the like the pins, bolts, or nails 4 may be passed through each one of the staves 8, together with their securing-hoop 9, as shown, or it may simply
75 be necessary to employ a sufficient number of the pins 4 to insure against removal of the securing-hoop 9. An inner strip 10 is likewise preferably used, and through it the ends of the pins are made to project. A strand
80 of wire 6 is then passed through the perforations 5 in the pins 4 within the recess formed in the head of the barrel and the ends secured together by a seal 7 in the manner described with reference to Fig. 1.
85

As stated, I do not confine myself to the application of my invention to any particular form of receptacle, for my invention consists in combining with the component parts of a
90 receptacle pins or the like passing through a sufficient number of the parts to prevent displacement of any of them and having perforated inner ends through which a thread or wire may be passed and held by having its
95 ends sealed together.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

A device for sealing boxes, &c., having a closure located within the end of the recep- 100

tacle, and a strip located outside of the closure; comprising a continuous series of fastenings surrounding the end of the receptacle extending through the end of the receptacle
5 and through the strip, and having exposed ends formed with perforations, a continuous strand threaded through the perforations,

and a seal whereby the ends of the strand are connected; substantially as described.

JOSÉ LOVERA.

Witnesses:

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