

(No Model.)

J. PARK, Jr.
PACKING DEVICE.

No. 444,784.

Patented Jan. 13, 1891.

Fig. 1

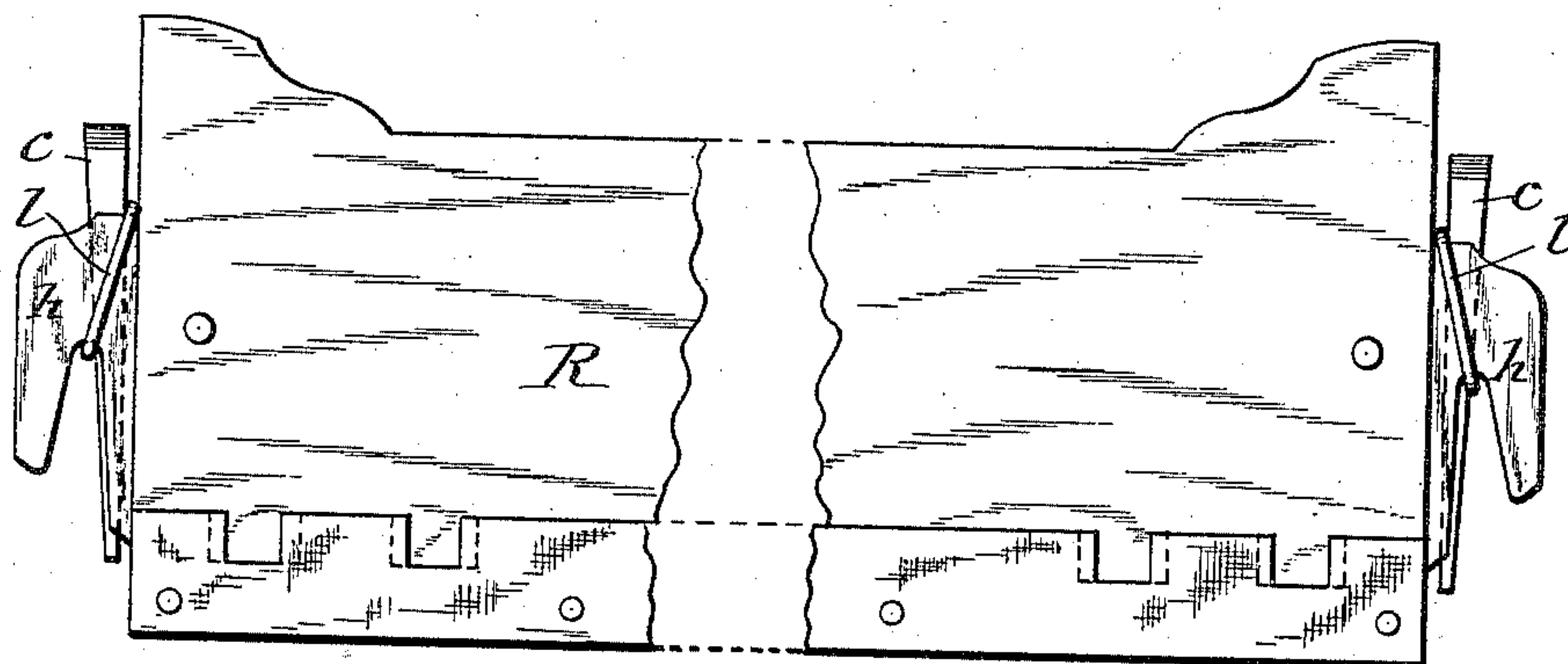
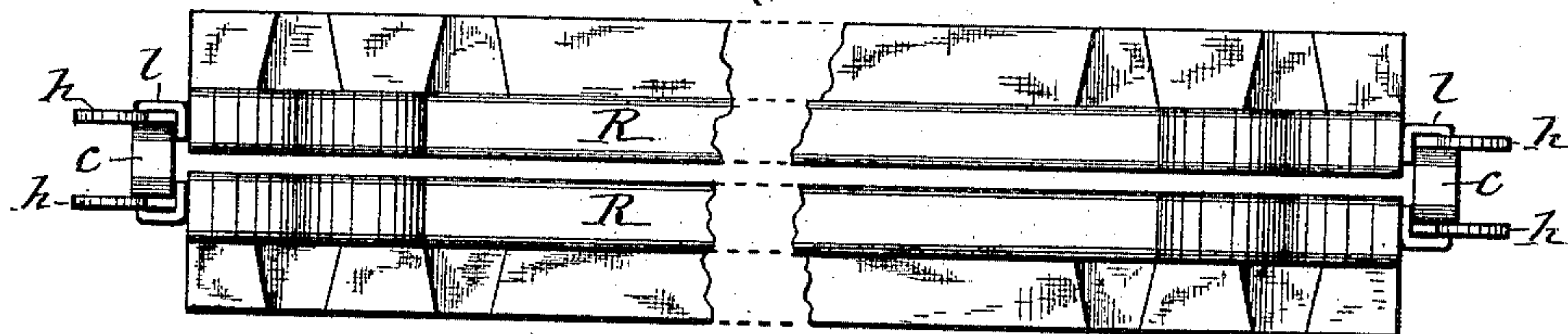


Fig. 2

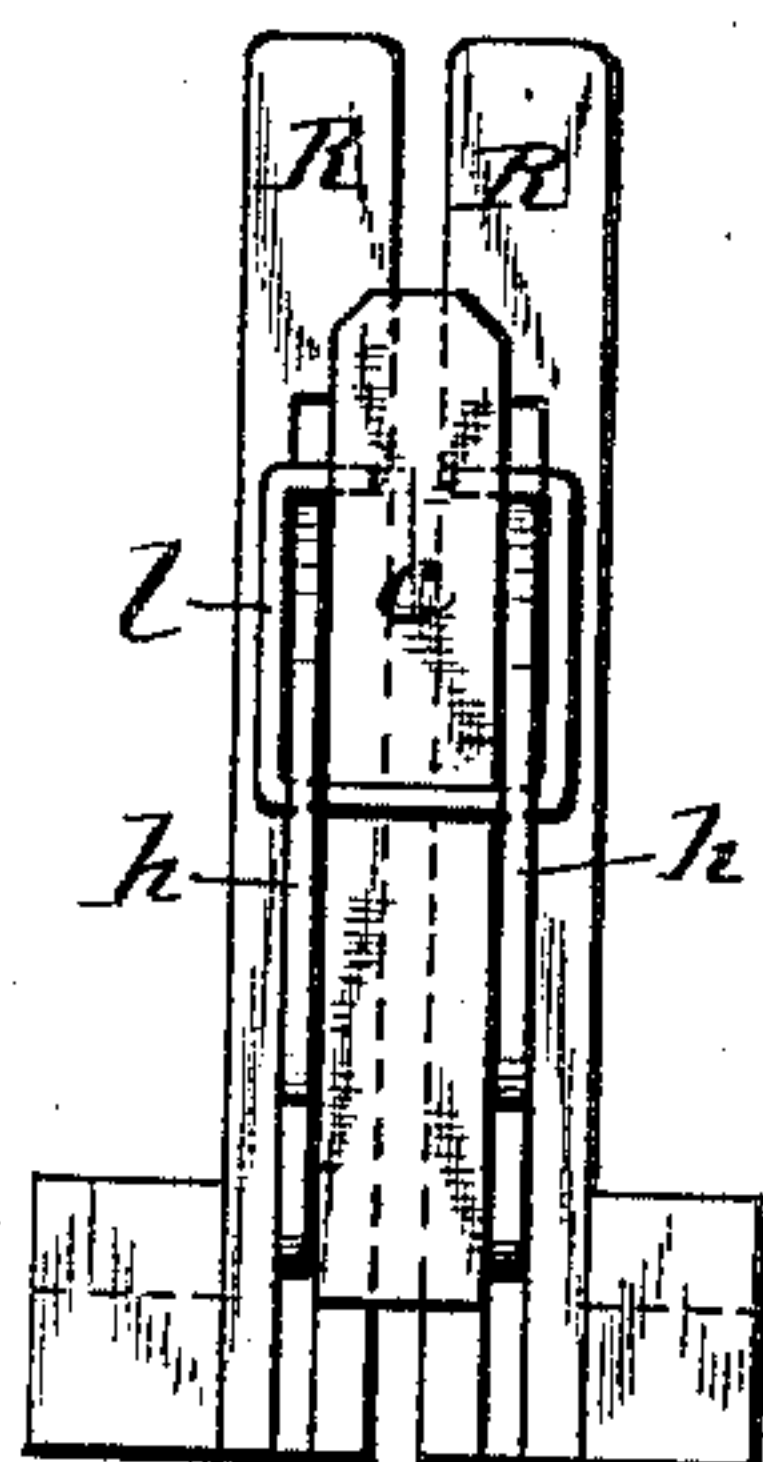


Fig. 3

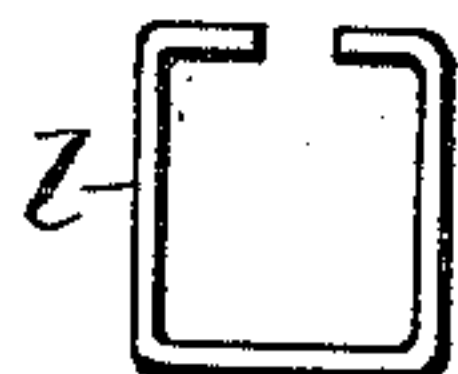


Fig. 4



Fig. 5

WITNESSES:

C. L. Bendixon
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INVENTOR:

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BY
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UNITED STATES PATENT OFFICE.

JOSEPH PARK, JR., OF TULLY, NEW YORK, ASSIGNOR OF TWO-THIRDS TO
ERNEST JOHNSON AND WILLIAM L. EARLE, BOTH OF SAME PLACE.

PACKING DEVICE.

SPECIFICATION forming part of Letters Patent No. 444,784, dated January 13, 1891.

Application filed August 29, 1890. Serial No. 363,423. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH PARK, Jr., of Tully, in the county of Onondaga, in the State of New York, have invented new and useful
5 Improvements in Packing Devices, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of packing devices which are employed to tie together the side rails of bedsteads preparatory to shipping the same; and the invention has special reference to that species of packing devices which are applied to the side rails of
15 bedsteads having hooks on their ends for connecting them to the bed-posts. Said packing devices heretofore consisted of wire ties passing through orifices in the hooks of the side rails and through holes or grooves in blocks
20 interposed between the hooks.

The object of this invention is to dispense with the perforation of the hooks and to provide a tie which shall be easily applied and shall be complete in itself and retained in
25 shape, so that it may be used repeatedly; and to that end the invention consists in the combination, with the side rails having hooks projecting from their ends, of a tie-loop encompassing the hooks of corresponding ends of
30 the rails, and a key inserted between the hooks and passing through the loop between the top and bottom cross-bars thereof, as hereinafter more fully explained, and set forth in the claim.

35 The invention is fully illustrated in the annexed drawings, in which—

Figure 1 is a top plan view of the end portions of two rails tied together by my improved packing devices. Fig. 2 is a side view
40 of the same. Fig. 3 is an end view. Fig. 4 is a detail view of the tie-loop, and Fig. 5 is an edge view of the key or wedge.

Similar letters of reference indicate corresponding parts.

45 R R represent the two side rails of a bedstead provided with the usual hooks *h h*, by which said rails are connected to the bed-posts when erected.

I denotes a tie-loop, preferably formed of wire bent into the shape of a square or rectangular loop, as best seen in Fig. 4 of the
50 drawings. When the wire is of sufficient stiffness and strength, the ends thereof need not be united; but when the wire is thin or weak I prefer to tie the ends thereof together. Said tie-loop is of a proper size to
55 receive through it and completely encompass the two hooks *h h* of corresponding ends of the rails R R and leave a space between said rails.

In applying the packing device the tie-loop I is slipped onto the aforesaid hooks, so as to lie closely to the ends of the rails R R, and then a key or wedge *c* is inserted between the
60 hooks *h h* and between the top and bottom cross-bars of the tie-loop in such a manner as to bring the top cross-bar between the key *c* and ends of the rails and carry the lower cross-bar of the loop across the outer side of the
65 key. Said key is of such a length and width that when driven in tightly it extends some distance below the tie-loop and bears against the ends of the rails R R, and at the same
70 time crowds the tie-loop snugly against the tops and bottoms of the hooks and the latter against the sides of the tie-loop, and thus the
75 packing devices are held firmly in place.

Having described my invention, what I claim as new, and desire to secure by Letters
80 Patent, is—

The combination, with the rails R R, having hooks *h h* projecting from their ends, of the tie-loop I, encompassing said hooks, and the key *c*, inserted between said hooks and
85 passing through the loop I between the top and bottom cross-bars thereof, substantially as described and shown.

In testimony whereof I have hereunto signed my name this 26th day of August, 1890.

JOSEPH PARK, JR. [L. S.]

Witnesses:

HORACE K. KING,
ERNEST JOHNSON.