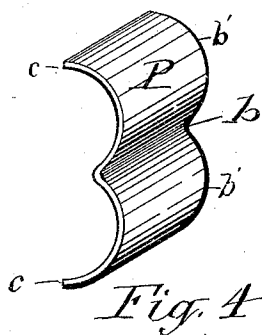
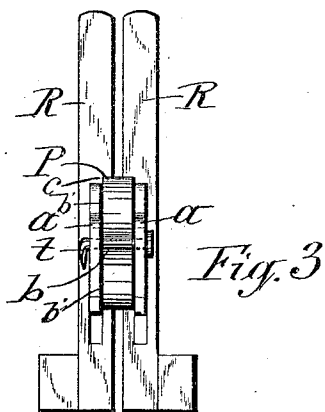
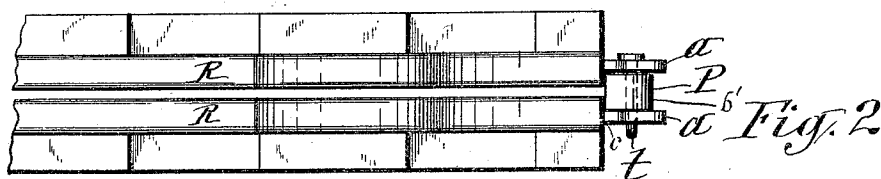
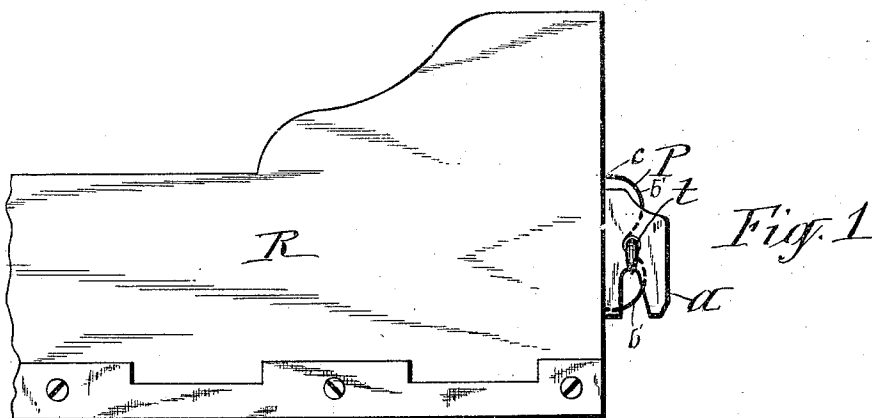


(No Model.)

G. B. GARRISON.
PACKING DEVICE.

No. 555,764.

Patented Mar. 3, 1896.



WITNESSES:

C. L. Bendison
C. H. Robinson

INVENTOR

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his ATTORNEY

UNITED STATES PATENT OFFICE.

GEORGE B. GARRISON, OF JORDAN, NEW YORK.

PACKING DEVICE.

SPECIFICATION forming part of Letters Patent No. 555,764, dated March 3, 1896.

Application filed July 19, 1895. Serial No. 556,463. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. GARRISON, of Jordan, in the county of Onondaga, in the State of New York, have invented new and useful 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 for tying together the side rails of bedsteads into a compact bundle for safe and convenient handling and conveyance; and this invention has special reference to the species of packing devices which are composed of a stay or spacer interposed between the usual fastening-hooks on the ends of the rails and a tie securely holding said hooks against opposite sides of the interposed stay, and at the same time confining said stay in its position. Said stays or spacers have usually been formed of blocks of wood requiring special shaping, and owing to their bulky condition they were never returned to the shipper for repeated use. Aside from this said wooden blocks do not obtain sufficient hold on the ends of the rails to prevent the latter from slipping laterally upon each other during the handling and transporting the same. All of said defects are obviated by my present invention, which consists of a packing device formed of a rectangular piece of sheet metal bent across its center to form a transverse channel for the passage of the tie wire or bolt, and bent with its end portions reverse from the central portion to form biting edges across its two ends. The packing device thus formed constitutes a new and inexpensive article of manufacture which is light and at the same time durable and more effective in its operation than prior devices of that class.

In the annexed drawings, Figures 1 and 2 are respectively side and top plan views of one end of a pair of bedstead-rails tied together by my improved packing device. Fig. 3 is an end view of the same, and Fig. 4 is a detached perspective view of the plate which constitutes the stay or spacer to be interposed

between the usual bedstead-fasteners projecting from the ends of the rails.

R R designate the side rails of a bedstead, and *a a* the bedstead-fasteners which are usually of the form of metallic hooks projecting from the ends of the side rails and entering mortises in the bed-posts which are provided with suitable catches with which the hooks engage or interlock. For storing or shipping the rails R R they are usually placed side by side with their finished sides facing each other and are held a proper distance apart by suitable spreaders interposed between the fasteners *a a* to which they are tied.

P represents my improved spreader or spacer which is to be interposed between the fastening-hooks *a a*. This spreader or spacer I form of a rectangular piece of sheet iron or steel or other suitable metal, which piece I bend across its center, as shown at *b*, to form a transverse groove or passage for the tie *t* by which the rails are fastened to each other and the spacer P is confined in its interposed position. The two end portions of the aforesaid piece of sheet metal I bend reverse from the central portion, as shown at *b' b'*, so as to form the thin and at the same time stiff biting edges *c c* across the ends. In using this spacer it is to be interposed between the hooks or bedstead-fasteners *a a* and placed with the biting edges *c c* against the ends of the rails R R and secured in its position by means of the tie *t*, which may be either a wire or wrought nail or a bolt passing through the channel *b* of the plate P and securely fastened to the hooks *a a*, so as to draw the latter tightly against the side edges of the plate P. This plate possesses sufficient flexibility to allow it to bend across its center by the tie *t* bearing on said portion of the plate, and thus the end edges of the plate are caused to bite in the ends of the rails R R, which are thereby effectually prevented from slipping laterally upon each other.

The plate P is readily stamped out of sheet metal and struck up into its curved shape by means of suitable dies, and a great number of

such plates can be put up in a compact bundle for shipping them to consumers.

What I claim as my invention is—

As a new article of manufacture a packing-
5 device spacer for the purpose herein specified
consisting of a rectangular piece of sheet
metal bent across its center to form a trans-
verse channel for the passage of the tie wire
or bolt and bent with its end portions reverse

from the central portion to form biting edges 10
across its two ends substantially as described
and shown.

In testimony whereof I have hereunto
signed my name this 11th day of July, 1895.

GEORGE B. GARRISON. [L. S.]

Witnesses:

J. J. LAASS,

A. M. BENEDICT.