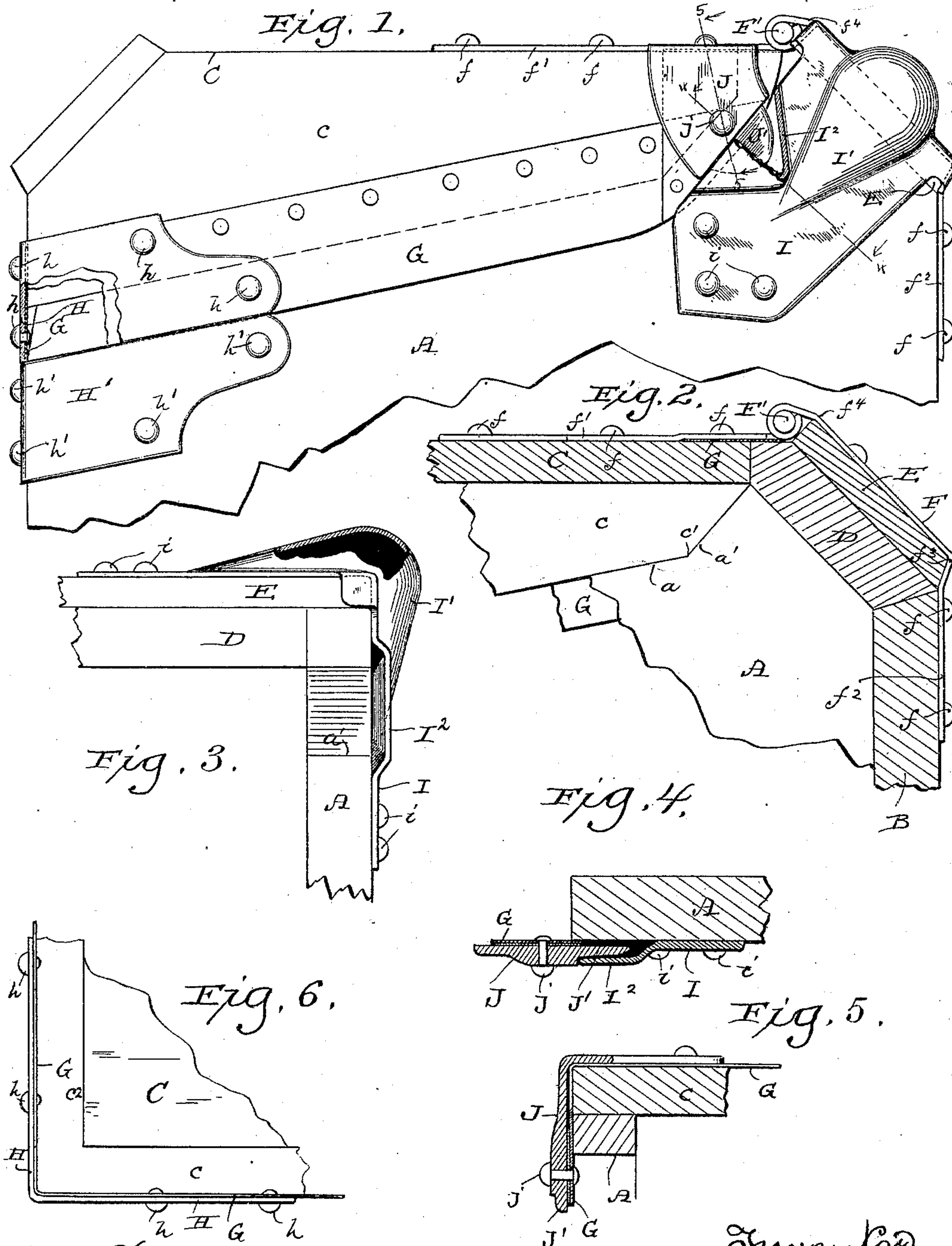


(No Model.)

F. J. PALICA.
TRUNK.

No. 444,941.

Patented Jan. 20, 1891.



Witnesses
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Invented
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UNITED STATES PATENT OFFICE.

FRANK J. PALICA, OF RACINE, WISCONSIN.

TRUNK.

SPECIFICATION forming part of Letters Patent No. 444,941, dated January 20, 1891.

Application filed October 17, 1890. Serial No. 368,425. (No model.)

To all whom it may concern:

Be it known that I, FRANK J. PALICA, a citizen of the United States, and a resident of Racine, in the county of Racine, and in the State of Wisconsin, have invented certain new and useful Improvements in Trunks; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to trunks; and the invention consists in certain peculiar and novel features of construction and arrangement, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is an end elevation of the upper part of a trunk with my improvements applied thereto. Fig. 2 is a transverse vertical section of the adjacent portions of a trunk body and top, showing my improved hinge applied thereto. Fig. 3 is a view, partially broken away, of an improved corner-iron constituting a buffer for a trunk, together with the adjacent parts of the trunk-body, the view being taken from the front of the trunk, with the top removed, looking down and toward one of the rear upper corners of the said trunk-body. Figs. 4 and 5 are sectional views, respectively, taken on the lines 4-4 and 5-5 of Fig. 1. Fig. 6 is an under side plan view of one corner of a trunk-top with my improved corner-iron applied thereto.

In the said drawings, A designates the upper portion of a trunk which is formed obliquely on its upper side, as shown at *a* in Fig. 2.

B is the back of the trunk-body, and C is the top or lid of the same, *c* designating one end of the top or lid and the latter being cut at an obtuse angle, as shown at *c'* in said Fig. 2, to accord with an opposing obtuse angular cut *a'* in the adjacent portion of the end *a* of the trunk-body. A strip D is interposed between the top of the back B and the rear edge of the top or lid C, and this strip D is overlaid by a strip E, which, as shown, projects at its edges beyond the adjacent outer surfaces of the back B and top or lid C. To this part of the trunk I attach, by screws or nails or equivalent devices *f*, any suitable number of strap-hinges F, the arm *f*² of each of which is shown as bent angularly, as at *f*³ *f*⁴, so as to conform to the external contour of the adjacent underlying parts B and E. The pintle

F' of each of these hinges occupies a space adjacent to the bend *f*¹ of the arm *f*² of the strap F, and is protected against injury by the adjacent edge of the strip E as the trunk is being handled. The opposite arm or strap *f*' of each hinge is flat and is secured by nails, screws, or equivalent devices *f* to the upper side of the top or lid C.

G designates a valance which surrounds the ends *c* and front *c*² of the top or lid C. At each front corner of the lid or top is placed an L-shaped corner-iron H, which overlies the adjacent angular portion of the valance and which is held in position by any suitable number of nails or screws or equivalent devices *h*. The corresponding upper parts of the ends and front of the trunk-body are covered by L-shaped plates or irons H', secured by nails, screws, or equivalent means *h'*, the plates H resting partially over the plates H' when the lid or top C is closed, and thus effectually strengthening these parts of the trunk and resisting the shocks and blows resulting from handling the trunk.

At the juncture of the top or lid C and the back B at each end of the trunk is attached by nails or screws *i* or equivalent means an L-shaped corner-iron I, formed at its angle with a swell I', serving as a buffer and formed also with an offset I². To each end piece *c* of the top or lid C is attached by screws or nails *j* or equivalent means an L-shaped metal piece J, which serves as a strengthening device and one arm of which is formed with an extension J', which, when the top or lid C is shut, enters beneath the offset I² of the corresponding corner-iron I, and thus resists lateral strain upon the trunk-top resulting from rough handling.

The described corner-irons I are each formed with inwardly-projecting lips at the juncture of their two arms, which lips cover the corners of the described strip E, and as the said arms of each corner-iron are secured one arm to the said strip and one arm to the side of the trunk-body the described lips (one of which is shown in Fig. 3) serve to firmly retain the strip E in place and secure it to the trunk-body.

It will thus be seen that a trunk constructed as above described is strengthened in such

manner as to resist the violent usage to which these articles are frequently subjected during transportation.

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

1. The combination, with a trunk-body having an upper oblique rear edge and a series of hinges intermediate of the ends of the trunk, of a pair of rear angular corner-irons, one arm of each corner-iron being secured to said upper oblique rear edge and its other arm to the side of the trunk-body and each angular corner-iron having one of its arms formed with an offset, and a companion angular iron having one of its arms provided with an extension to enter beneath said offset, substantially as set forth.

2. The combination, with a trunk-body having a strip located adjacent to the rear edge of the cover or lid and projecting outwardly beyond the upper line of the latter, of a hinge having one of its arms bent to conform transversely to the projecting strip, and also having its pintle-socket depressed below the up-

per edge of the strip and having its opposite arm extending upon the top of the trunk-cover, substantially as set forth.

3. The combination, with a trunk-body having an upper oblique rear edge, of a strip located upon said oblique rear edge and projecting outwardly beyond the upper line of the trunk-top and the vertical line of the trunk-back, and angular corner-irons, one arm of each of which is secured to the side of the trunk-body and the other arm to the said strip, the said corner-irons each having inwardly-projecting lips to cover the corners of the said strip, and also a swell or bumper coincident with the angle of the said corner-irons, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Racine, in the county of Racine and State of Wisconsin, in the presence of two witnesses.

FRANK J. PALICA.

Witnesses:

J. E. DODGE,
J. H. EAGER.