

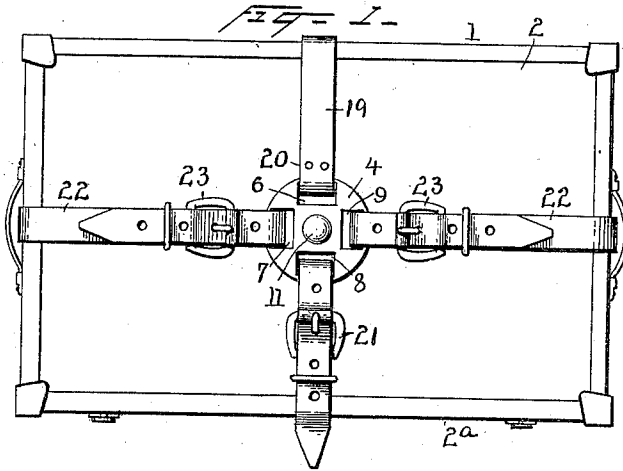
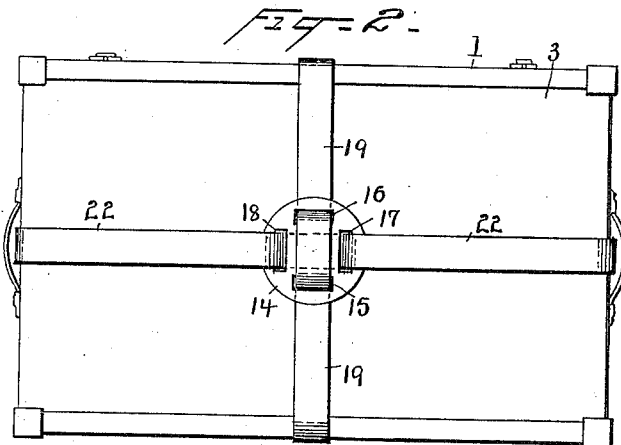
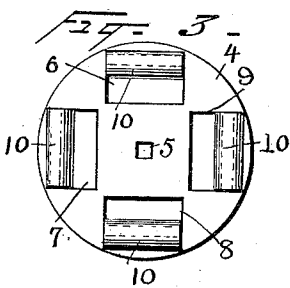
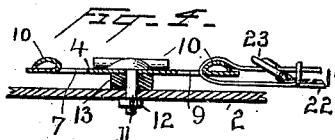
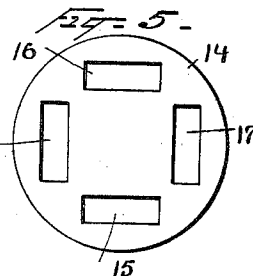
No. 652,473.

Patented June 26, 1900.

A. A. COLE.
TRUNK BRACE.

(Application filed Jan. 10, 1900.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALLAN A. COLE, OF NEW YORK, N. Y.

TRUNK-BRACE.

SPECIFICATION forming part of Letters Patent No. 652,473, dated June 26, 1900.

Application filed January 10, 1900. Serial No. 919. (No model.)

To all whom it may concern:

Be it known that I, ALLAN A. COLE, a citizen of the United States of America, and a resident of New York city, in the State of New York, have invented certain new and useful Improvements in Trunk-Braces, of which the following is a specification.

My invention relates to an improvement in trunk-braces. It is intended more particularly to provide a convenient and substantial means of bracing a trunk with straps or equivalent binding devices in such form that the trunk will be substantially supported or braced and at the same time providing means by which the brace may be securely fixed to the trunk to prevent its removal therefrom and yet permitting an easy releasing of the brace when it is desired to have access to the trunk.

I have illustrated my invention in the accompanying drawings, designating the parts by numerals, referring to like parts by like numerals.

Figure 1 is a plan of the top of the trunk with my brace applied. Fig. 2 is a plan of the bottom of the trunk with my brace applied. Fig. 3 is a plan of a plate, referred to as a "fixed" plate. Fig. 4 is a section of the same secured to the top of the trunk, and Fig. 5 is a plan of what I term the "free" plate.

1 is the trunk, having a top 2 and bottom 3.
2^a is the front of the trunk.

4 is a plate, preferably stamped out of metal, having a central right-angular aperture 5 and having four right-angularly-disposed apertures, as 6, 7, 8, and 9. I prefer to turn over the portion of the plate stamped out to form these apertures, as at 10, to form a lip, upon which the straps hereinafter to be described may operate without injury to the same.

11 is a bolt with a head. 12 is a nut for the same.

13 is a washer.

The plate 4 is secured to the top of the trunk 2 by introducing the bolt 11 through the right-angular hole 5, through the washer 13, and through a hole in the top of the trunk 2, and it is secured to the top of the trunk by the nut 12. I secure permanently to one side of this plate 4, as through the aperture 6, a strap 19, as at 20. I pass this strap 19 around

the body of the trunk and through the apertures 15 and 16 of the free plate 14. Then I secure to the strap 19 at a suitable distance from the end thereof a buckle 21, the buckle being of a size to prohibit the withdrawal of the strap through the apertures of the plate 14. I then pass the end of the strap through the aperture 8 and return the same through the buckle 21, in which it is secured. I then pass the strap 22 through the apertures 17 and 18 of the free plate 14 and secure to said strap at a suitable distance from the end thereof two buckles, as 23 and 23, the same being of a size to prohibit the withdrawal of the strap through said apertures 17 and 18. I then introduce the ends of said straps respectively through the apertures 7 and 9 and return the same through their respective buckles, through which they are properly secured. It will be seen that by this device the trunk is bound around its body and its length.

The brace may be readily released by releasing the three buckles 21, 23, and 23 and throwing the same back. The lid of the trunk may be opened without interference from the brace, and the brace will remain intact and cannot be removed from the trunk without releasing the nut 12, for it will be understood that the plate 4 is secured to the lid of the trunk by the bolt 11, the strap 19 is secured to the plate 4, and the straps 19 and 20 intersect the plate 14 and may not be withdrawn therefrom by reason of the size of the buckles 21, 23, and 23.

What I claim is—

1. A trunk-brace consisting of two straps and two plates, the plates having right-angularly-disposed slots therein to receive said straps, one of said plates being fixed to the top of the trunk, and one strap secured to the side of said fixed plate nearest the back of the trunk, and passing around the trunk through two of the slots in the other plate, a buckle secured to said strap near the end thereof; the base of the buckle being of a size to prevent the strap from being withdrawn through the slots in said plate, said strap being adapted to pass through the slot of said fixed plate nearest the front of the trunk, and to be secured within said buckle; another strap passed through said slots in said free plate, said straps being provided

with buckles secured thereto near the end thereof, said buckles being of a size to prevent the withdrawal of said strap from said plate, the free ends of said strap being adapted to pass through the opposite slots of the fixed plate, and to be secured within their respective buckles, substantially as described.

2. As a trunk-brace, the combination with a trunk of a fixed plate having four right-angul-
10 arly-disposed apertures to form bearing-slots for straps, and a central square aperture to receive a bolt, and a bolt and nut to secure said plate to the lid of said trunk, a free plate having four right-angular aper-
15 tures, a strap permanently secured to one side of said fixed plate and passed around the body of the trunk through two of the slots in said free plate, said strap having a buckle permanently secured thereto after the same
20 has passed through the slots in said free plate at a suitable point to permit the end of the strap to pass through the aperture in the op-

posite side of the fixed plate from that to which the same strap is fixed, and to be secured within said buckle, a second strap 25 passed through the slots in said free plate at right angles to the strap, first described, said strap having buckles permanently secured thereto after the same has passed through said apertures in said free plate, said buckles 30 being attached at suitable points to permit the ends of the strap to pass through the opposite apertures in said fixed plate, and to be returned and buckled into said buckles respectively, the buckles secured to the straps 35 being of a size to prohibit the withdrawal of the straps through the slots of the free plate, substantially as described.

Signed by me at New York, county and State of New York, this 4th day of January, 1900. 40
ALLAN A. COLE.

Witnesses:

ALMET R. LATSON,
THOMAS P. DALTON.