

L. B. TAYLOR.
GUN TRUNK.

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Fig. 1.

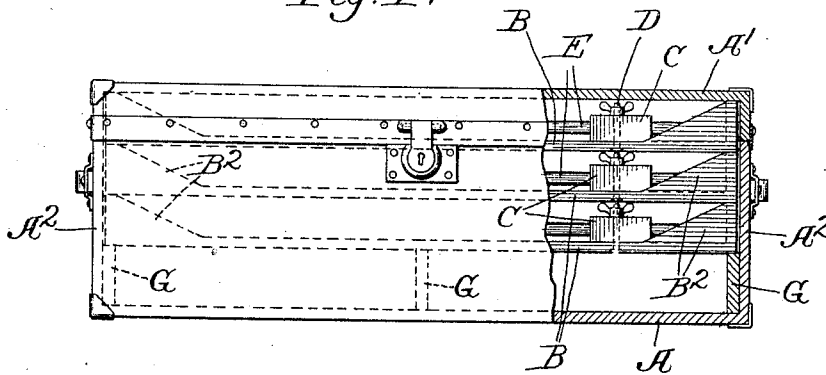


Fig. 2.

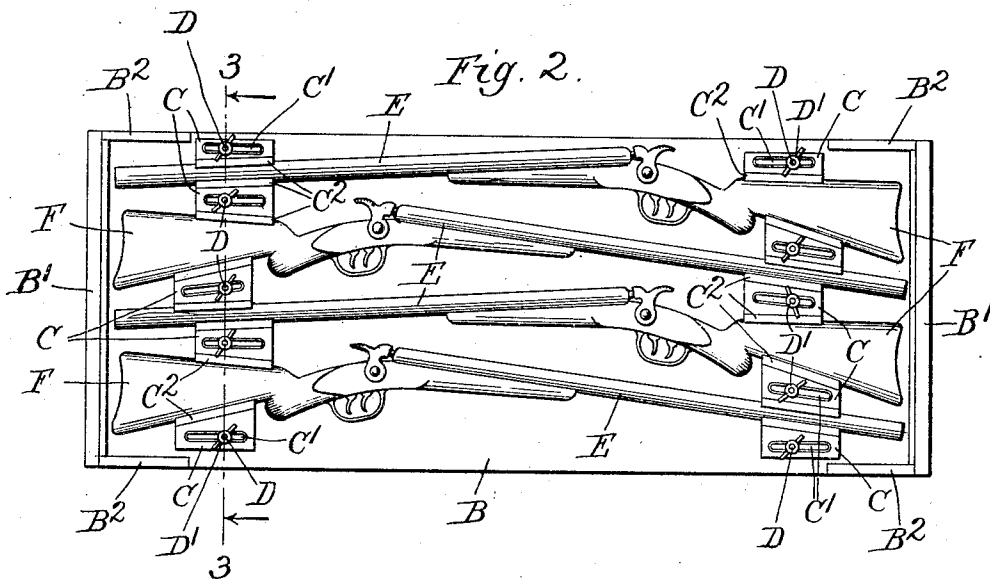
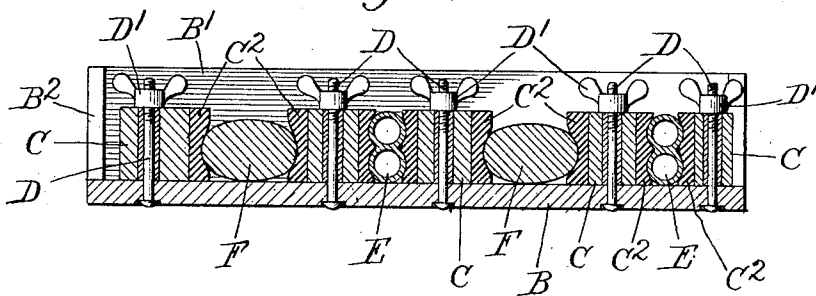


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

LLOYD B. TAYLOR, OF CHICAGO, ILLINOIS.

GUN-TRUNK.

SPECIFICATION forming part of Letters Patent No. 784,601, dated March 14, 1905.

Application filed April 11, 1903. Serial No. 152,168.

To all whom it may concern:

Be it known that I, LLOYD B. TAYLOR, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Gun-Trunks, of which the following is a specification.

My invention relates to gun-trunks, or devices for carrying guns, and has for its object to provide convenient means for carrying a series of guns and for supporting them in such way that guns of various sizes and shapes may be conveniently handled.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a side elevation of a gun-trunk with parts in vertical section. Fig. 2 is a plan view of a tray. Fig. 3 is a cross-section on the line 3 3 of Fig. 2.

Like parts are indicated by the same letter throughout the several figures.

A is the bottom, A' the top, and A² the sides, of a trunk or case which is to contain the gun-trays. It is made of any convenient material, size, and shape.

B is the bottom of the gun-tray, with which is preferably associated the rising ends B' B', having the connecting corner-pieces B². Arranged upon the tray are a series of blocks C C, each provided with a long slot C' and with a felt or other like elastic surfacing material C². Each block is secured upon, though adapted to move along, the tray-bottom by means of a bolt D, which projects up through the slot C' and is provided with a thumb-nut D', whereby the block C is firmly secured in any desired position within reasonable limitations upon the tray-bottom. E is the gun-barrel, and F the gun-stock.

Any number of these blocks may be used and they may be of varying sizes and shapes. They will have inclined faces, as may be desired.

My drawings are to be understood as diagrammatic and to be taken as illustrating a single form which the gun-trunk may assume under the general terms of my invention.

The use and operation of my invention are as follows: With a tray shaped as shown and

provided with the movable blocks I can put a gun in position, its stock, for example, being forced somewhat firmly against the elastic edge C² of a given block C. This block is fixed in any desired position. The block on the other side of the stock is then adjusted by means of the slot C', so as to bring it to a position where the stock is somewhat firmly grasped between the two elastic edges of the associated block C. The thumb-nut D' is then operated to secure the last block in position, and thus the stock of the gun is firmly held. In like manner the barrel of the gun may be secured in position. In like manner a series of guns, as indicated in Fig. 2, may be arranged on the same tray, the stocks and barrels differing in size and the blocks being adjusted to suit these differences. The trays are then dropped into the trunk in the ordinary manner, the lower one being properly adjusted—as, for example, by the pieces G G—and the trays can be set in one on top of the other until the trunk is full. The blocks may be of greatly-differing sizes and shapes, and the slot may be in the bottom of the tray instead of in the block, if desired. By means of the devices illustrated the gun can be very securely grasped between the two blocks without injuring or defacing the parts which engage the gun members. It will be observed that each block is or may be secured by a single bolt, and thus it is pivotally secured and will tend to take its proper position. It will also be observed that all the inner blocks are double-acting, for there is a slight difference between the shape of the block and the interval between the gun-stock and the barrel. The elastic edge of the block will accommodate for this inequality.

It will be apparent from the drawings that each block that is double-acting has one edge inclined with respect to the opposite edge. In order to accommodate the blocks to clamp the oblique edges of gun-stocks and at the same time gun-barrels, the blocks will evidently be arranged so that each block has one clamping edge substantially parallel with the adjacent edge of the block which is nearest to it and its other clamping edge reversely inclined to the adjacent edge of the

more remotely placed block next to such edge. This arrangement would be possible with various shapes of block provided they have one bearing edge oblique to the other, 5 for the reason that the blocks are rotatably mounted on the tray. By this arrangement it will be evident that without substituting new blocks of different obliquity provision for a considerable variation in the size and 10 shape of the gun-stocks may be made, inasmuch as each block is independently adjustable. The device is, in fact, a flexible and mutually-accommodating set of clamps, by means of which a variation in a single one of 15 the articles held in place may be taken up and counterbalanced by an appropriate rearrangement of the whole.

I claim—

1. In a gun-trunk, the combination of a 20 tray and a series of independent securing-blocks arranged in line with each other, each block being adjustable both longitudinally and rotatably, and independent means for securing each block after it has been ad- 25 justed, substantially as set forth.

2. In a gun-trunk, the combination of a tray and a series of independent securing- 30 blocks, each block being adjustable both longitudinally and rotatably, and adjacent blocks having reversely-inclined bearing edges, and means for securing each block after it has been adjusted, substantially as set forth.

3. In a gun-trunk, the combination of a 35 tray and a series of tapering, longitudinally-slotted securing-blocks, each block being adjustable both longitudinally and rotatably, and they being reversely arranged in line with each other, substantially as set forth.

40 4. In a gun-trunk, the combination of a tray, a series of independent longitudinally-slotted securing-blocks arranged in pairs and formed each with one bearing edge oblique to the other so that when the adjacent edges

of the blocks of a pair are arranged to be ap- 45 proximately parallel, the other edges of the blocks of the pair are reversely inclined each with relation to the adjacent edge of the next block of the series, the blocks being all ad- 50 justable both longitudinally and rotatably, and means for securing the blocks after they have been adjusted substantially as set forth.

5. In a gun-trunk, the combination of a tray, a series of independent securing-blocks 55 arranged in line with each other, each block being adjustable both longitudinally and rotatably and provided with elastic bearing edges, and independent means for securing each block after it has been adjusted, sub- 60 stantially as set forth.

6. In a gun-trunk, the combination of a tray, a series of independent securing-blocks 65 in the same plane, each block being adjustable both longitudinally and rotatably, and independent means for securing each block after it has been adjusted, substantially as set forth.

7. In a gun-trunk, the combination of a plurality of independent securing-blocks ad- 70 justable longitudinally and rotatably, such blocks being arranged in two rows, the blocks of one row being set, alternately, relatively near together and relatively distant from each other, the blocks of the other row being ar- 75 ranged in like manner but spaced one from another in reverse order and such blocks being provided with oppositely-placed bearing- 80 faces one oblique with respect to the other, so that one row of blocks may be set to clamp in position alternately the barrels and stocks of guns, while the other row will in like manner clamp the other ends of such guns, but in the reverse order.

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Witnesses:

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