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DEVICE FOR BOXING SHOTGUN SHELLS

Filed Aug. 3, 1967

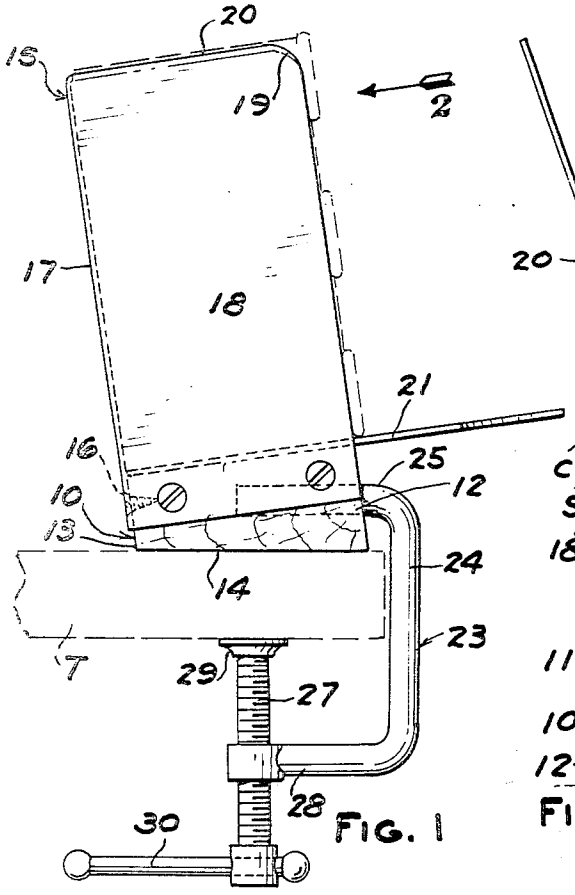


FIG. 1

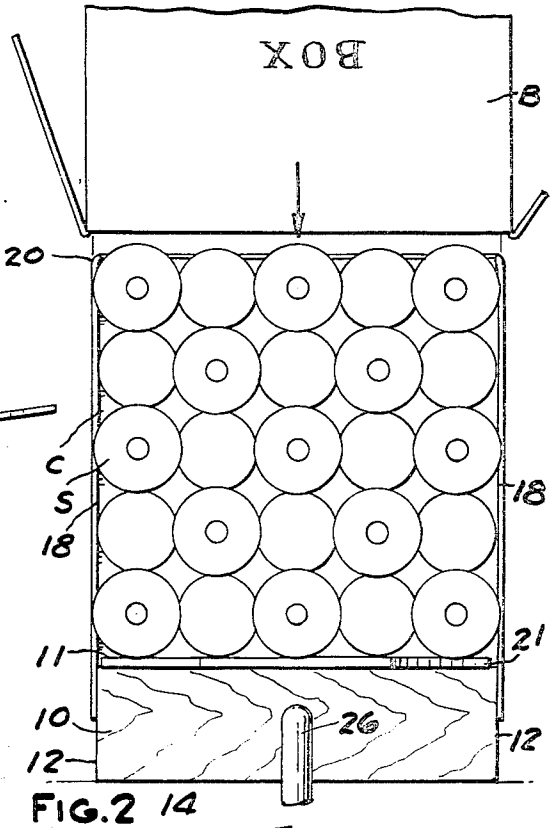


FIG. 2

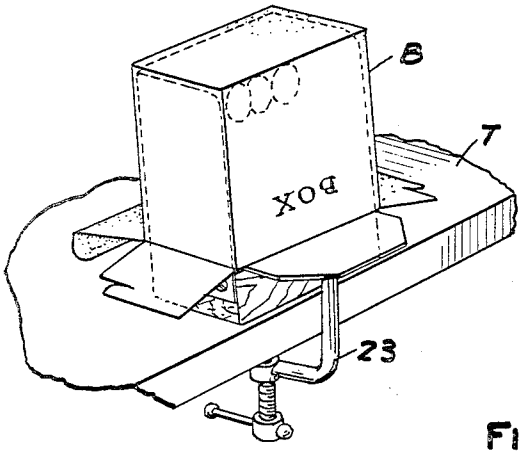


FIG. 3

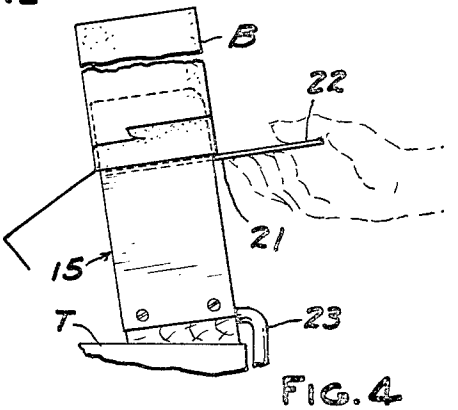


FIG. 4

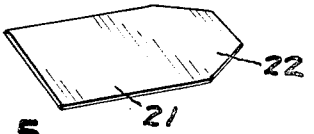


FIG. 5

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DEVICE FOR BOXING SHOTGUN SHELLS

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U.S. Cl. 53—390 3 Claims

ABSTRACT OF THE DISCLOSURE

The device shown herein comprises a base and a clamp for fastening the base to a table. Side and rear walls extend upwardly from the base and a lift member rests on the base. The side and rear walls define a cavity into which shotgun shells can be loaded in side-by-side relation. After the shells are loaded, an inverted open ended shell box or carton is slipped over the side and end walls and the shotgun shells and the box and lift member are lifted simultaneously and inverted so that the shells are thereby loaded into the box in proper relation.

This invention relates to boxing of shotgun shells and particularly to a device for boxing shotgun shells.

BACKGROUND OF THE INVENTION

It is common for sportsmen to reload shotgun shells, that is, to provide a new charge and wad in the shells. In order to safety store the shells until they are to be used, the reloaded shotgun shells are usually placed in the original carton or box in which they were purchased in side-by-side relation. This procedure is usually a manual one and proves to be quite tedious in that each shell must be placed individually into the box.

Among the objects of the invention are to provide a device for boxing shotgun shells which is simple, inexpensive, low in cost and can be easily used by the average amateur sportsman.

SUMMARY

The device shown herein comprises a base and a clamp for fastening the base to a table. Side and rear walls extend upwardly from the base and a lift member rests on the base. The side and rear walls define a cavity into which the shotgun shells can be loaded in side-by-side relation. After the shells are loaded, an inverted open end shell box or carton is slipped over the side and end walls and the shotgun shells and the box and lift member are lifted simultaneously and inverted so that the shells are thereby loaded into the box in proper relation.

DESCRIPTION OF THE DRAWINGS

FIG. 1 is a side elevational view of a device embodying the invention.

FIG. 2 is a front elevational view of the device shown in FIG. 1 showing the box being inserted into position.

FIG. 3 is a fragmentary perspective view of the device showing the box in position.

FIG. 4 is a partly diagrammatic view showing the loading of the shells into the box.

FIG. 5 is a perspective view of a portion of the device.

DESCRIPTION

Referring to FIGS. 1 and 2, the device embodying the invention comprises a base **10** such as a wood block which has an upper surface **11**, side surfaces **12** and a rear surface **13** that are related to one another at right angles. The block **10** further includes a lower surface **14** that is not parallel to the top surface **11** so that when the base **10** rests upon a table top T, the top surface **11** is inclined downwardly and rearwardly as viewed from FIG. 2. A

member **15** is fastened to the base by screws **16** and includes a rear wall **17** extending upwardly from surface **13** and side walls **18** extending upwardly from surfaces **12** at substantially right angles to the rear wall **17** so that a cavity C is defined which has open top and front. The upper forward ends of the side walls **18** are rounded as at **19** and taper inwardly as at **20** to facilitate insertion of the box as presently described.

A flat plate which forms a lift member **21** is provided on the upper surface of the block **10** and has a width substantially equal to the distance between the side walls **18** and a length greater than the width of the side walls to define a grasping and lifting portion **22**.

A clamp **23** is provided for fastening the device on a table top T and comprises a C-shaped member **24**, the upper arm **25** of which extends into an opening **26** in the base **10** and a lower arm **28** into which a threaded member **27** is threaded. A swivel pad **29** is swivelled on the upper end of member **27** and is adapted to engage the underside of the table T. A cross handle **30** is provided to facilitate tightening of the clamp.

In use, the device is clamped to a table top T as shown in FIG. 2 and the reloaded shotgun shells S are placed by hand in alternate end-for-end side-by-side relation in the cavity C as shown in FIGS. 1 and 2. The height of the walls **17, 18** is substantially equal to the depth of the box or carton B into which the shutgun shells are to be loaded. Similarly the distance between the outer surfaces of the walls **18** is substantially equal to the width of the inside of the box B and the width of the walls **18** is substantially equal to the depth of the box B.

After the shells are reloaded, the box B is moved downwardly over the device and the shells as shown in FIG. 3 and then the box, plate member and shells are lifted simultaneously as shown in FIG. 4 and inverted so that the shotgun shells remain in the box.

What is claimed is:

1. An assembly for boxing shotgun shells into a rectangular box with an open end wherein the shells are positioned in the box in side-by-side relationship, the combination comprising:

a base,

the top of said base being inclined downwardly and rearwardly with respect to the bottom of said base,

means removably attaching said base to a table or the like,

a thin rear wall and thin side walls extending upwardly from the base,

said side walls being at substantially a right angle to said rear wall,

the distance between the exterior surfaces of the side walls being substantially equal to the length of the box into which the shells are to be loaded,

the width of said side walls being substantially equal to the width of said box,

the height of said walls being substantially equal to the depth of said box,

the upper ends of said side walls being tapered inwardly to facilitate slipping of the box over the ends of said walls,

a lift member comprising a thin plate having a width substantially equal to the distance between said side walls and a length greater than the width of said side walls,

said lift member being positioned on said base and having a portion of said length thereof extending outwardly from said base for grasping by hand,

such that said shotgun shells may be manually placed in side-by-side stacked relationship on said lift member within said walls and an inverted rectangular

box may be slipped over said walls and said shotgun shells and the lift member and box may be lifted simultaneously and inverted to load said shotgun into said box.

2. The combination set forth in claim 1 wherein said means comprises a C-shaped member having one arm extending into said base,

and a screw member threaded into the other arm for engaging the underside of the table.

3. The combination set forth in claim 1 wherein the upper free edges of said side walls are rounded.

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