

L. M. GILCHRIST.

BOX FASTENER.

APPLICATION FILED MAY 22, 1905.

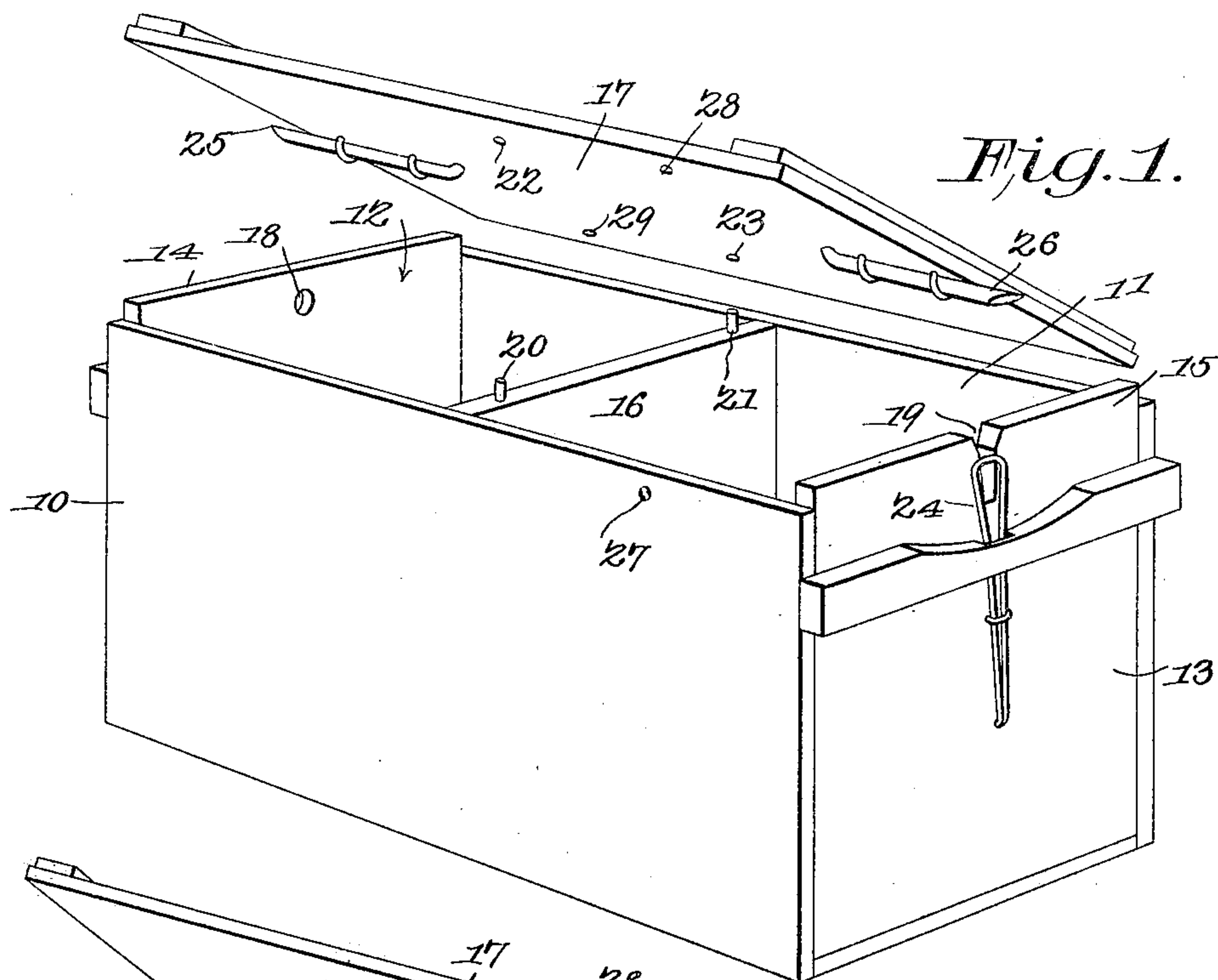


Fig. 1.

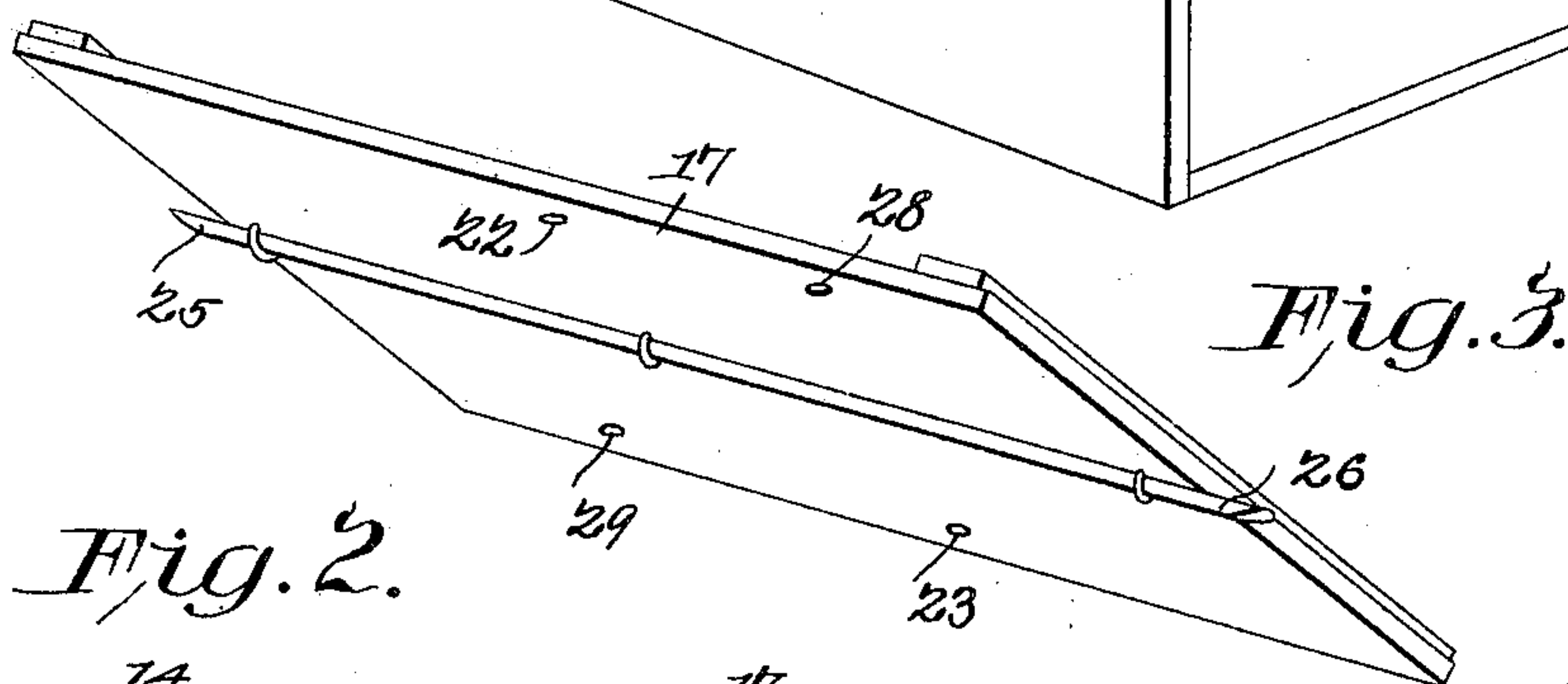


Fig. 2.

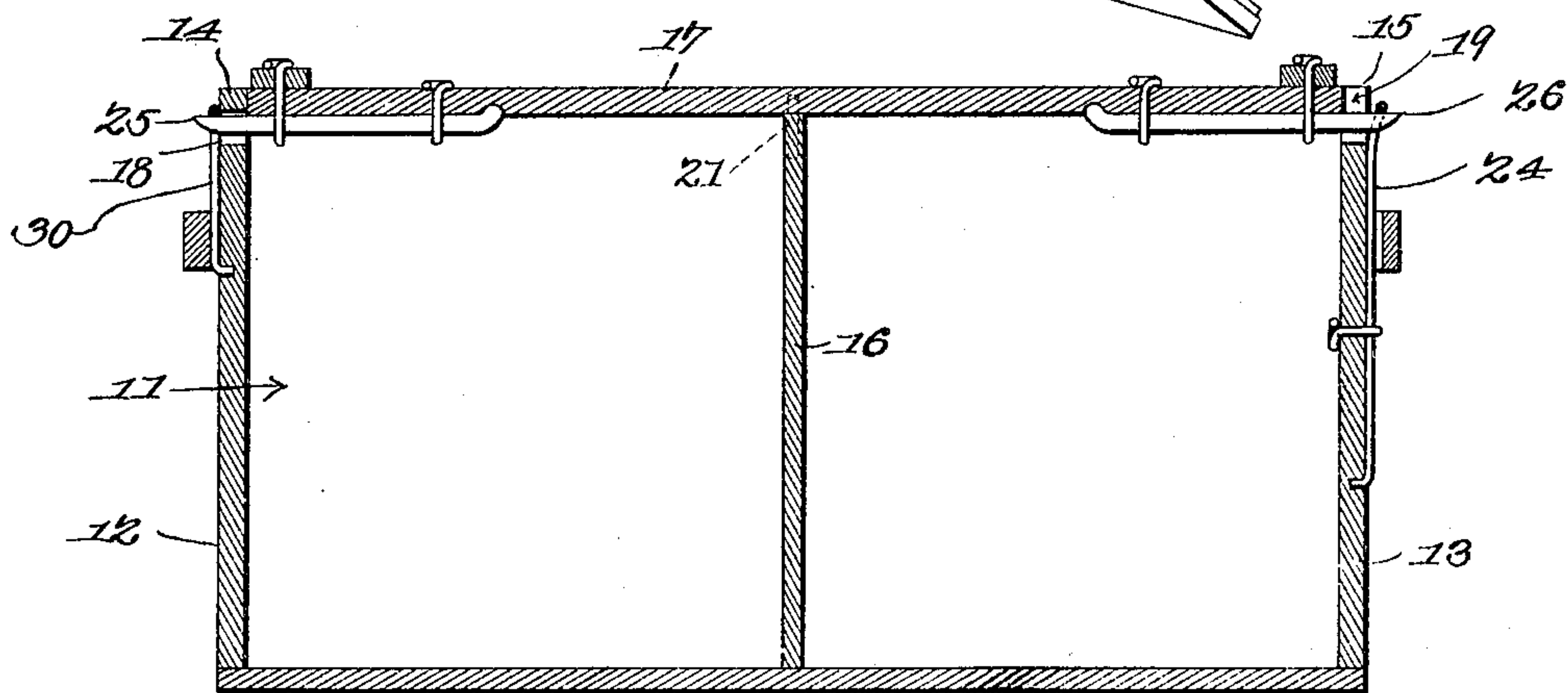


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

LUTHER M. GILCHRIST, OF CASEYVILLE, KENTUCKY, ASSIGNOR OF ONE-HALF TO JAMES L. AMES, OF CASEYVILLE, KENTUCKY.

BOX-FASTENER.

No. 803,101.

Specification of Letters Patent.

Patented Oct. 31, 1905.

Application filed May 22, 1905. Serial No. 261,555.

To all whom it may concern:

Be it known that I, LUTHER M. GILCHRIST, a citizen of the United States, residing at Caseyville, in the county of Union and State of Kentucky, have invented a new and useful Box-Fastener, of which the following is a specification.

This invention relates to the fastenings for box-fasteners and similar receptacles, and has for its object to simplify and improve the construction and increase the efficiency and utility of devices of this character.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings thus employed, Figure 1 is a perspective view of the improved device with the closure detached. Fig. 2 is a longitudinal sectional elevation of the same. Fig. 3 is a perspective view of a modified construction of the closure member.

The improved device may be applied to any of the various forms and sizes of boxes, shipping-crates, and the like and to closures of this class employed for various purposes, but for the purpose of illustration is shown applied to an ordinary shipping-crate for eggs and the like, in which 10 11 represent the side walls, 12 13 the end walls, which are extended at their upper ends above the side walls, as at 14 15, an intermediate transverse partition 16, and a closure 17, the closure bearing upon the side walls and between the extensions of the end walls, as shown.

The end wall 12 is provided with an aperture 18, the end wall 13 is provided with an open slot 19, while the transverse partition is provided with spaced stop-pins 20 21, the latter for entering recesses, as at 22 23, in the under side of the closure 17 when the latter is in position upon the casing, as in Fig. 2.

Attached to the end member 13 of the casing is a resilient member 24, preferably in the form of a wire loop and extending at its open end over the slot 19.

Attached to the closure 17 are studs 25 26, extending in advance of the closure at the ends and adapted for extension through the aperture 18 and beneath the resilient member 24, the studs 25 26 being alike, so that either may be presented to the aperture 18 or loop 24. The closure is thus reversible end for end, and it is immaterial which end is presented first to the resilient member. The under surfaces of the studs are inclined at the ends, so that when the closure is placed in position with one of the studs through the aperture 18 the other stud will "snap" beneath the member 24, and thus lock the closure fast to the casing, and removable only by releasing the resilient member. The studs 25 26 may be in two portions, as in Figs. 1 and 2, or in one single piece, as in Fig. 3, as may be preferred.

When the closure member 17 is in position upon the casing, the pins 20 21 will enter the recesses 22 23 in the closure, as above described, and thus hold the closure firmly from lateral movement.

The device is simple in construction, can be inexpensively manufactured, and may be employed for securely holding the closures in position and preventing accidental displacement of the same, while at the same time easily releasable when required.

An aperture 27 is formed through the side wall 10 of the casing, and corresponding apertures 28 29 are formed through the closure 17 in position to register alternately with the aperture 27 when the closure is in position for receiving a wire member to which a "seal" may be applied when required.

A wire loop 30 is attached to the end member for extending over the aperture 18 and preventing abrasion of the wood of which the casing is constructed.

Having thus described the invention, what is claimed is—

1. In a device of the class described, a casing having an aperture through one of its end members and an open slot in the other end member, a resilient member attached to said casing and extending over said slot, a closure to said casing, and studs extending in advance of said closure for engagement with said aperture and slot and beneath said resilient member.

2. In a device of the class described, a casing having its end members extended above the side members with an aperture through one of said end members and an open slot in the other end member, a resilient member attached to said casing and extending over said slot, a closure to said casing bearing upon the side members and against the extensions of the end members of the same, and studs extending in advance of said closure for engagement with said aperture and slot and beneath said resilient member.

3. In a device of the class described, a casing having an aperture through one of its end members and an open slot in the other end member, a resilient member attached to said casing and extending over said slot, a closure to said casing, studs extending in advance of said closure for engagement with said aperture and slot and beneath said resilient member, and stop-pins extending from said casing for engagement with apertures in said closure.

4. In a device of the class described, a casing having its end members extended above the side members with an aperture through one of said end members and an open slot in the other end member, and with a transverse partition having spaced stop-pins extending therefrom, a resilient member attached to said casing and extending over said slot, a closure to said casing bearing upon the side members and against the end member extensions of the same and with recesses to receive said stop-pins and studs extending in advance of said closure for engagement with said aperture and slot and beneath said resilient member.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

LUTHER M. GILCHRIST.

Witnesses:

T. B. GILLESPIE,
J. P. WINSLOW.