

May 1, 1951

A. R. AMUNDSON

2,551,408

ARCHED TURN BUTTON

Filed Nov. 30, 1948

*Fig. 1.*

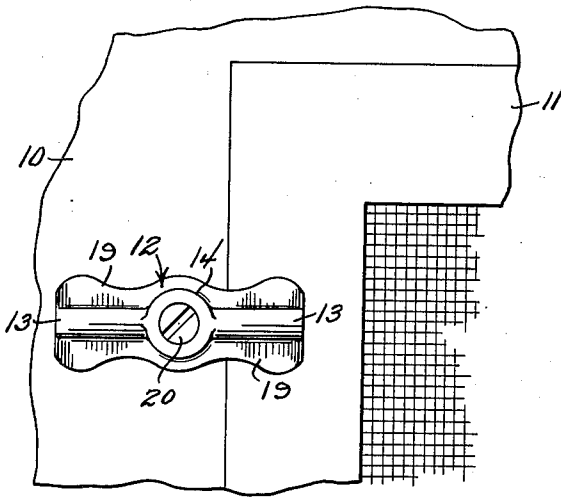


*Fig. 2.*

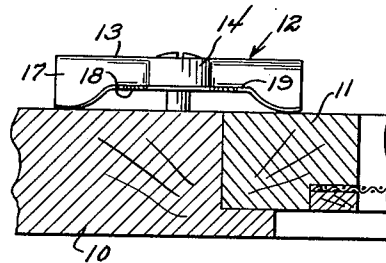


*Fig. 3.*

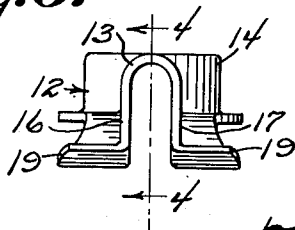


*Fig. 5.*

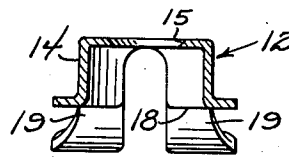


*Fig. 4.*

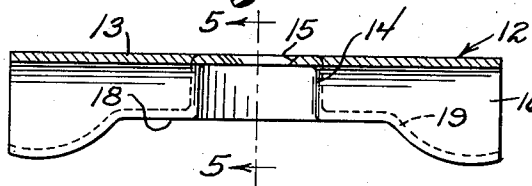
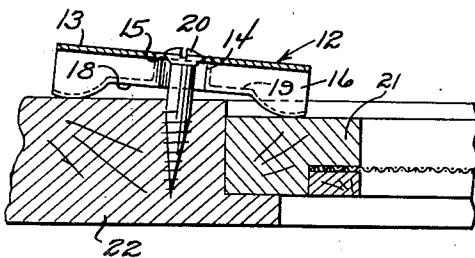


*Fig. 6.*



INVENTOR.

*Alfred R. Amundson*

BY *Victor J. Evans & Co.*

ATTORNEYS

## UNITED STATES PATENT OFFICE

2,551,408

## ARCHED TURN BUTTON

Alfred R. Amundson, Superior, Wis.

Application November 30, 1948, Serial No. 62,693

1 Claim. (Cl. 292—202)

1

This invention relates to a device for holding a window or door frame in a casing.

The object of the invention is to provide a device which will releasably hold a window or door frame in its casing, whether the frame is thicker, thinner, or on the same level as the casing.

Another object of the invention is to provide a device for holding a window or door frame in a casing without gouging the frame, or causing rust streaks or wood rot.

A further object of the invention is to provide a window-holding device which is extremely simple and inexpensive to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this application, and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a side elevational view illustrating the device in use for holding a window frame in a casing;

Figure 2 is a transverse sectional view of a window frame and casing, with the holding device applied thereto;

Figure 3 is an end elevational view of the holding device;

Figure 4 is a sectional view taken on the line 4—4 of Figure 3;

Figure 5 is a sectional view taken on the line 5—5 of Figure 4;

Figure 6 is a transverse sectional view of a window frame and a casing of greater thickness, and illustrating the device applied thereto.

Referring in detail to Figures 1 to 5 of the drawings, the numeral 10 designates a portion of a casing for receiving therein a frame 11. The frame 11 may be the frame of a storm or screen window, a combination door, cupboard, etc.

For releasably holding the window frame 11 in the casing 10, a plurality of holding devices 12 are provided, and each of the devices is preferably fabricated of cold rolled steel with an electro-galvanized, rust-proof finish thereon. The holding device 12 comprises an arcuate top portion 13 shaped to define a central enlarged shoulder 14 which is apertured, as at 15. A headed screw 20 is inserted through the aperture 15 and into the casing 10 for securing the holding device thereto. Extending from the top portion 13 is a pair of spaced side portions 16 and 17, the side portions 16 and 17 each having a cut-out 18 intermediate their ends. The lower or free ends of the side portions 16 and 17 each terminate in a transversely-disposed flange 19.

2

The device is shown in Figures 1 and 2 as releasably holding a window frame 11 in a casing 10 wherein the frame and casing have the same thickness. In Figure 6, the device is shown being used for holding a window frame 21, or the like, in a casing 22 in which the casing 22 has a greater thickness than the window frame 21. The device may be also used when the window frame 21 is on a higher level, than the casing 22. The holding device of the present invention does not require a shim to be positioned on the thinnest surface when there is a difference in the thickness of the casing and the frame. By manually rotating the holding device, the window frame can be released from its casing. Further, since the side portions are each cut away, as at 18, there is only a small surface which contacts the casing and frame, so that rust streaks, wood rot, and frame gouge will be greatly reduced.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

I claim:

As a new article of manufacture, a holding device fabricated of a single piece of steel and having a rust-proof finish thereon, said piece of steel being shaped to provide a longitudinally extending arcuate top portion, said top portion having a central enlarged shoulder, there being a countersunk aperture in said shoulder for receiving a securing element, a pair of spaced parallel longitudinally extending side portions extending from said top portion, the lower edges of said side portions being cut away intermediate the ends thereof, and a transversely disposed flange projecting from the lower edges of each of said side portions the ends of said side portions projecting below the intermediate sections of said side portions.

ALFRED R. AMUNDSON.

## REFERENCES CITED

The following references are of record in the file of this patent:

## UNITED STATES PATENTS

| Number    | Name        | Date           |
|-----------|-------------|----------------|
| 159,994   | Withers     | Feb. 16, 1875  |
| 934,488   | Watrous     | Sept. 21, 1909 |
| 1,158,330 | Stulp       | Oct. 26, 1915  |
| 1,334,610 | Hope et al. | Mar. 23, 1920  |
| 1,544,464 | Long        | June 30, 1925  |