

Oct. 27, 1925.

1,558,977

A. M. GRAY

COMBINED SHELF AND BRACKET

Filed Oct. 15, 1924

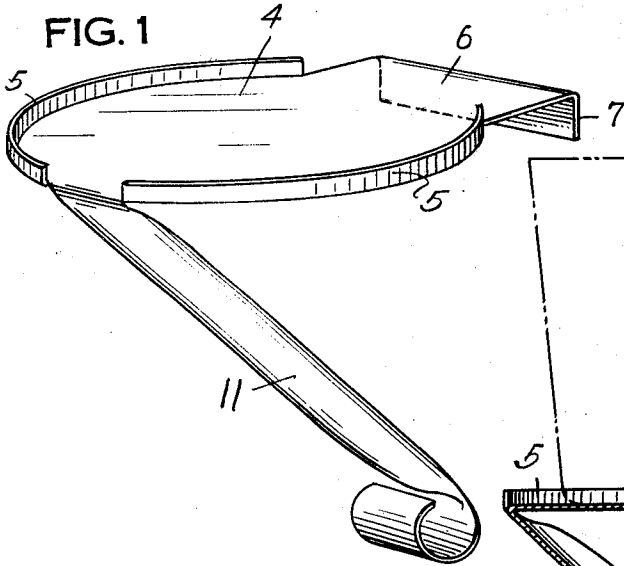


FIG. 2

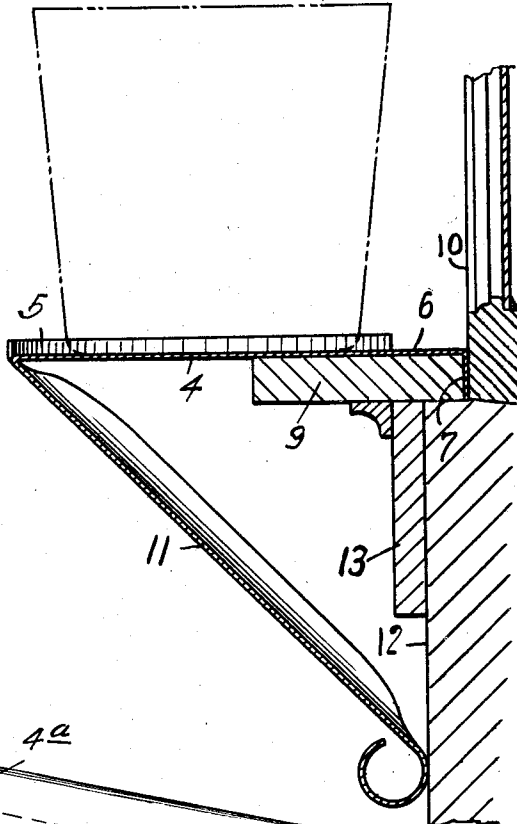
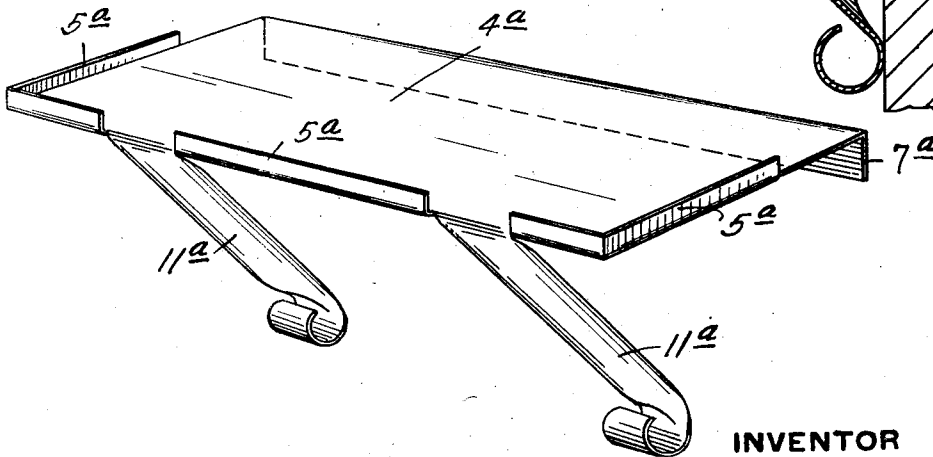


FIG. 3



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UNITED STATES PATENT OFFICE.

ALEXANDER M. GRAY, OF CHARLEROI, PENNSYLVANIA.

COMBINED SHELF AND BRACKET.

Application filed October 15, 1924. Serial No. 743,831.

To all whom it may concern:

Be it known that I, ALEXANDER M. GRAY, a citizen of the United States, and resident of Charleroi, in the county of Washington and State of Pennsylvania, have invented a new and useful Improvement in Combined Shelves and Brackets; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to shelf and bracket devices.

One object of my invention is to provide a shelf having means for engaging the edge of a window sill or the like and provided with a brace for engaging the wall beneath the window sill.

Another object of my invention is to provide a combined shelf and retaining means therefor of simplified form and cheap construction.

Some of the forms which my invention may take are shown in the accompanying drawing wherein Fig. 1 is a perspective view of a device made in accordance with my invention; Fig. 2 is a side elevational view showing the device in position for supporting a flower pot or the like; Fig. 3 is a view similar to that of Fig. 1, but showing a modified form of structure.

The device may be made of sheet metal bent or stamped to the form shown in Fig. 1. The body or shelf portion 4 is provided with upturned edges 5 that serve as retaining flanges, and is further provided with a rearwardly extending lip 6 that is bent downwardly at its outer end 7 so that it may engage the rear side of a window sill 9 to hold the shelf in place. The lip 7 is preferably sufficiently thin that it will permit closure of the window sash 10 as shown in Fig. 2.

At its forward edge the shelf 4 is provided with a strut or brace 11 that extends downwardly and rearwardly to seat against a

wall 12, at a point below the casing board 13. 45
The lower end of the strut 11 is curved to present a smooth engaging surface to the wall 12 so as not to deface the same. The shelf parts are preferably stamped from a single sheet of metal but, if desired, the 50
brace 11, for instance, may be formed separately and may be welded or riveted to the shelf 4.

In Fig. 3 I have shown a shelf 4^a similar to the shelf 4, but of rectangular form and 55
of such length that it will have greater capacity than the shelf 4. The flanges 5^a function as do the flanges 5 to prevent flower pots or other objects placed on the shelf from being accidentally slid therefrom, 60
while the flange 7^a may fit behind a window sill, as in the case of the flange 7. The struts 11^a correspond, in structure and function, to the struts 11 of Figs. 1 and 2.

While the device is particularly designed 65
for use in supporting flower pots upon window sills, it may of course be employed for supporting other objects such as work baskets, smoking sets, and the like, and may be conveniently moved from one win- 70
dow to another or may be placed wherever suitable engaging surfaces are provided for the shelf 4 and flange 7.

I claim as my invention:

A combined shelf and bracket, integral 75
in construction, composed of sheet metal, stamped to form a flat supporting surface, a depending flange or hook portion at the rear edge of said surface, and a yieldable strut member extending downwardly and 80
rearwardly from the front edge thereof, the lower end of the strut being curved outwardly to provide a curved engaging surface and its mid portion curved to channel form. 85

In testimony whereof I, the said ALEXANDER M. GRAY, have hereunto set my hand.
ALEXANDER M. GRAY.