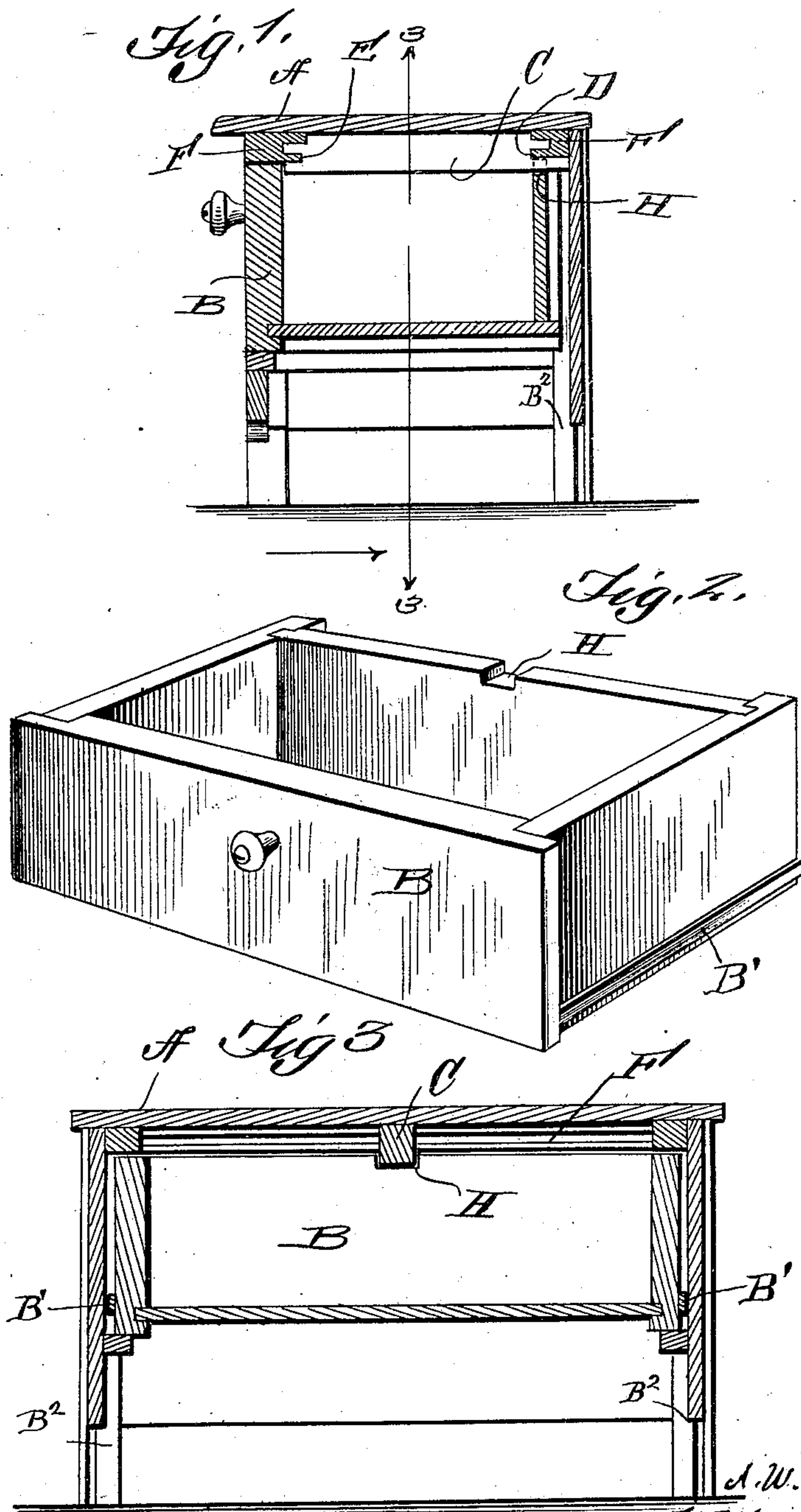


A. W. GREEN & W. ORTH.
GUIDE AND STOP FOR DRAWERS.
APPLICATION FILED APR. 3, 1908.

917,429.

Patented Apr. 6, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

ARTHUR W. GREEN, OF CORUNNA, AND WILLIAM ORTH, OF OWOSSO, MICHIGAN.

GUIDE AND STOP FOR DRAWERS.

No. 917,429.

Specification of Letters Patent.

Patented April 6, 1909.

Application filed April 3, 1908. Serial No. 425,051.

To all whom it may concern:

Be it known that we, ARTHUR W. GREEN and WILLIAM ORTH, citizens of the United States, residing at Corunna and Owosso, respectively, in the county of Shiawassee and State of Michigan, have invented a certain new and useful Improvement in Guides and Stops for Drawers; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in guides and stops for drawers and the object of the invention is to produce a simple and efficient device of this nature consisting essentially in the provision of a strip which is positioned in the path of the upper portion of the drawer which is recessed to receive said strip, the outer end of the strip serving as a stop to limit the rearward movement of the drawer by the inner wall of the front of the drawer coming in contact with said strip.

The invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a vertical sectional view through a drawer and guide therefor. Fig. 2 is a perspective view of the drawer, and Fig. 3 is a longitudinal section through the drawer.

Reference now being had to the details of the drawings by letter, A designates a casing, and B a drawer mounted therein.

C designates a guide strip, the ends of which are recessed away forming shoulders D and E, which engage the strips F of the casing. The lower portion of the guide strip C projects below the lower surfaces of the strips F of the casing. The rear wall of the drawer is provided with a notch or recess H adapted to receive said guide strip C and engage the drawer as it is opened and closed. Upon either end of the drawer is a horizontally disposed strip B' extending the width of the drawer from the rear surface of the projecting end of the face of the drawer to the ends of the drawer and flush with the latter, said strips B' serving to contact with the front faces of the rear legs B² of the

stand. Said strips B' are adapted to contact with the sides of the bureau and serve to prevent a lateral movement to the drawer and thus insure the recess H coming in proper position to receive the strip C and the inner face of each drawer is held from frictional contact with the sides of the bureau, thus reducing unnecessary friction. The outer end of the strip C forms a stop and terminates a distance from the outer edge of the strip F equal to the thickness of the front wall of the drawer so that, when the drawer is closed, the inner surface of said front wall will come in contact with the outer end of the strip and the inner ends of the strips B' will contact with the front faces of the rear legs of the stand, thus serving as stop mechanism to the inner throw of the drawer.

From the foregoing, it will be noted that, by the provision of a guide strip mounted as shown and described, an efficient means is afforded for guiding the drawer as it is opened and closed and also limiting the rearward movement of the drawer by the inner surface of the front wall coming in contact with said strip.

What we claim to be new is:—

In combination with a bureau casing having legs, horizontally disposed drawer supporting strips, a guide strip fastened to the under surface of the top of the bureau with a space intervening between its forward end and the front face of the casing, a drawer mounted upon said horizontally disposed strips, the upper edge of the rear wall of the drawer having a recess for the reception of said guide strip, and horizontally disposed strips fastened to the ends of the drawer and serving to prevent contact of the outer faces of the ends of the drawer with the inner faces of the ends of the casing and to preserve alinement of said recess with the guide strip.

In testimony whereof we hereunto affix our signatures in the presence of two witnesses.

ARTHUR W. GREEN.
WILLIAM ORTH.

Witnesses:

JAS. H. ORTH,
HARRY ELDRIDGE.