

No. 877,165.

PATENTED JAN. 21, 1908.

H. H. BORGERDING.  
DEVICE FOR INSERTING DRAWER STOPS.

APPLICATION FILED JUNE 11, 1906.

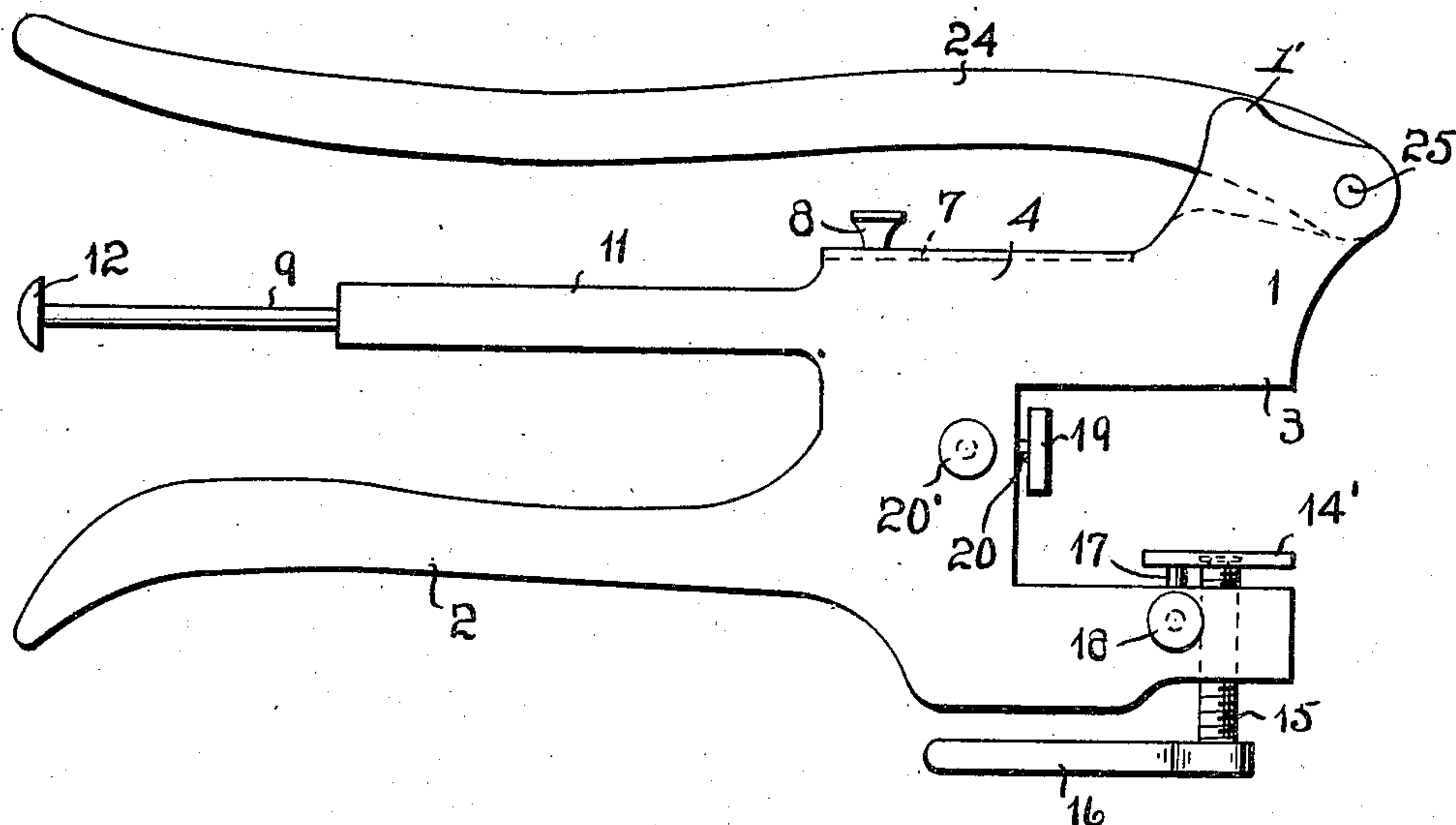


Fig. 1.

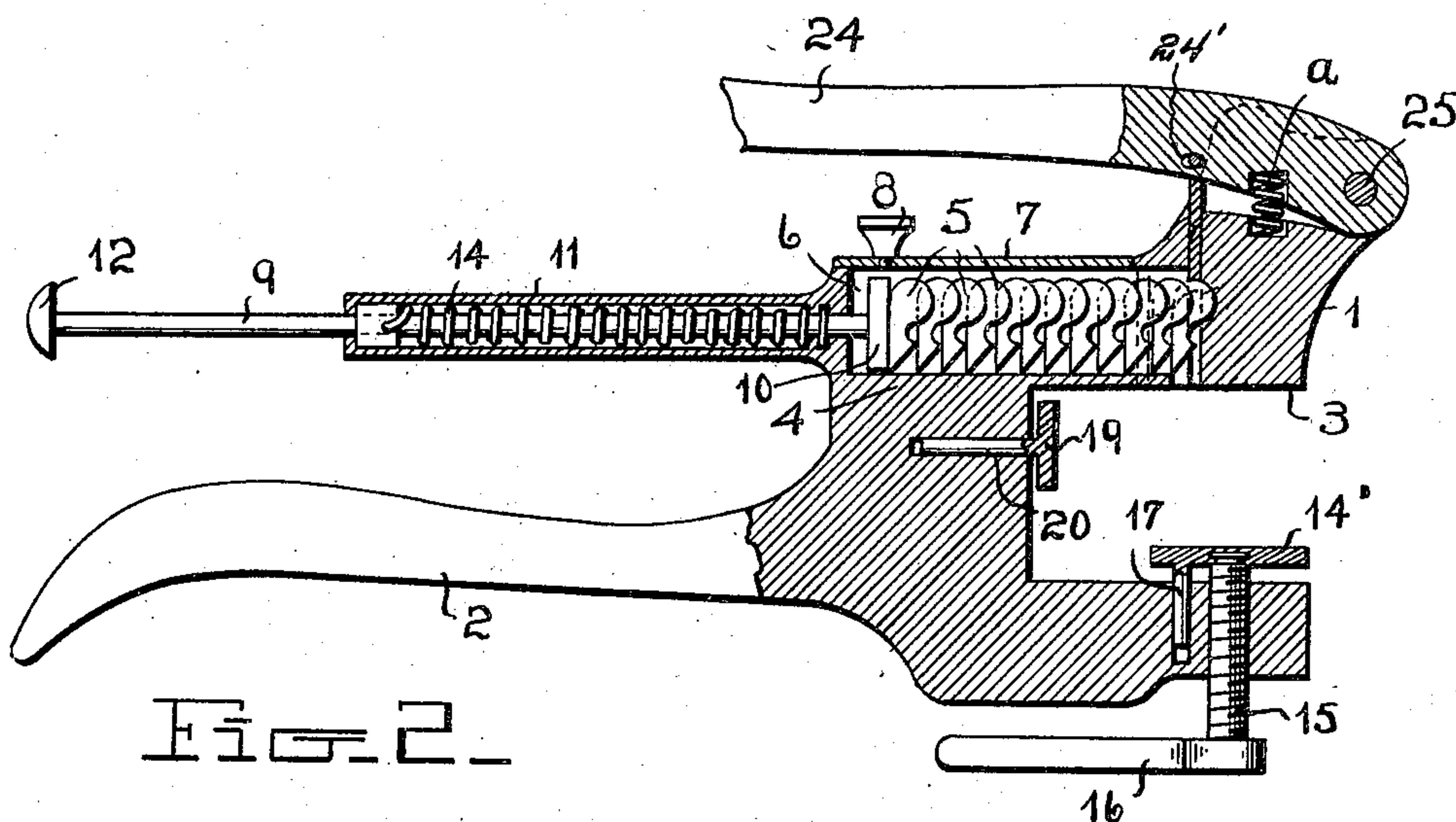


Fig. 2.

Witnesses  
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# UNITED STATES PATENT OFFICE.

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## DEVICE FOR INSERTING DRAWER-STOPS.

No. 877,165.

Specification of Letters Patent.

Patented Jan. 21, 1908.

Application filed June 11, 1906. Serial No. 321,282.

*To all whom it may concern:*

Be it known that I, HERMAN HENRY BORGERDING, a citizen of the United States, residing at New Albany, in the county of Floyd and State of Indiana, have invented certain new and useful Improvements in Devices for Inserting Drawer-Stops; and I do 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.

This invention relates to devices for inserting drawer stops for furniture, such as bureaus, chiffoniers, and other devices fitted with sliding drawers, and one of the principal objects of the same is to provide a tool of comparatively simple construction, which will quickly insert a drawer stop at the required position.

These and other objects are attained by means of the construction illustrated in the accompanying drawings; in which,—

Figure 1 is a side elevation of a device for inserting drawer stops, made in accordance with my invention; and Fig. 2 is a longitudinal sectional view of the same.

Referring to the drawing for a more particular description of the invention, the numeral 1 designates the frame portion of the tool comprising a handle 2 having its forward end recessed to form a rigid overhanging right angular jaw portion 3. A magazine 4 for containing the drawer stops 5 is formed in or secured to the frame portion of the tool and consists of a casing having a compartment 6 of a size and shape to hold a column of drawer stops with their pointed portions projected downwardly in the position in which they are driven into the drawer frame. A cover 7 is secured to the magazine and provided with a knob 8 for opening the top of the magazine to insert the drawer stops. A spring plunger 9 provided with a head 10 passes through an opening in the magazine and extends through a casing 11, and is provided with a head 12 at its other end, a spring 14 surrounding said plunger within the casing, the tension of the spring being exerted to push the column of fasteners toward the right in the compartment of the magazine. Mounted upon the jaw of the frame is a table or clamp 14' swiveled upon the upper end of a threaded screw 15 provided with an operating handle 16 to move said table or clamp forwardly to secure the

drawer frame in place within the jaw of the tool prior to driving the drawer stops, the swiveled head permitting the table to adjust itself accurately to the drawer surface. Projecting from the lower side of the table or clamp 14 is a pin 17 fitted to slide in a vertical opening in the jaw and to prevent the clamp or table from turning with the screw. A gage-pin 18 projects laterally from the side of the jaw. A gage-plate 19 having a pin 20 secured to the rear side thereof is inserted in a longitudinal aperture in the bottom of the recess, and is held in adjusted position by means of a set-screw 20' extending through the side wall of the magazine and through an aperture in the frame and bears against the pin on the gage for holding it in adjusted position, as will be understood.

The upper jaw 1 of the tool is provided with rearwardly extending, perforated ears 1', and carries the driver 22, said driver adapted to work in grooves 23 in the sides of the magazine and frame. The driver is operated by means of a handle 24, which is pivoted between said ears at 25, and bears upon the driver at some distance back of its pivotal point. The driver is pivotally connected with the handle by any suitable means, as the slot or elongated perforations 24', and its thickness and transverse contour conform to the shape and thickness of the drawer stops, and hence one stop is removed from the column at each downward movement of the driver, as will be understood.

By pivotally connecting the handle between the ears in this manner a very strong pressure can be exerted upon the driver or plunger and when the pressure is relaxed a spring *a* which is seated in a recess in the frame between the driver and the pivotal point of the handle will force the handle and driver back into their normal positions ready to insert another stop which will have been forced forward into position as soon as the driver has been raised by said spring.

The operation of my invention may be briefly described as follows,—The clamp 14' and the gage-plate 19 having been adjusted to locate the position at which the drawer stops are to be driven, the pivoted handle is pressed downwardly carrying the driver with it and removing one drawer stop from the column and driving it into the drawer frame, as will be understood, the spring plunger then moving the column of drawer stops forward so that one drawer stop is always in



position to be driven at each downward movement of the driver.

Various changes in the form, proportion, and the minor details of construction, may  
5 be resorted to without departing from the principle, or sacrificing any of the advantages of the invention, as defined by the appended claims.

Having thus described my invention, what  
10 I claim as new, and desire to secure by Letters-Patent, is,—

In a drawer stop inserting device, a frame, the rear end of which forms a handle and the forward end is recessed to form a jaw and  
15 has its upper portion provided with a magazine, ears in front of the magazine, and extended rearwardly to form side pieces, the

bottom of the magazine being perforated and said side pieces being grooved vertically above said perforation, a driver in said 20 grooves, a handle pivotally secured between said ears and extended back over the magazine, and provided with a perforation and connected thereby with the driver, and a spring seated in the frame, between the 25 driver and the pivotal point of said handle.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HERMAN H. BORGERDING.

Witnesses:

ADA H. PETERS,  
LOUIS N. BLUST.