

C. E. ROSE.
DOOR FITTING VISE.
APPLICATION FILED MAY 14, 1909

959,264.

Patented May 24, 1910.

Fig. 1.

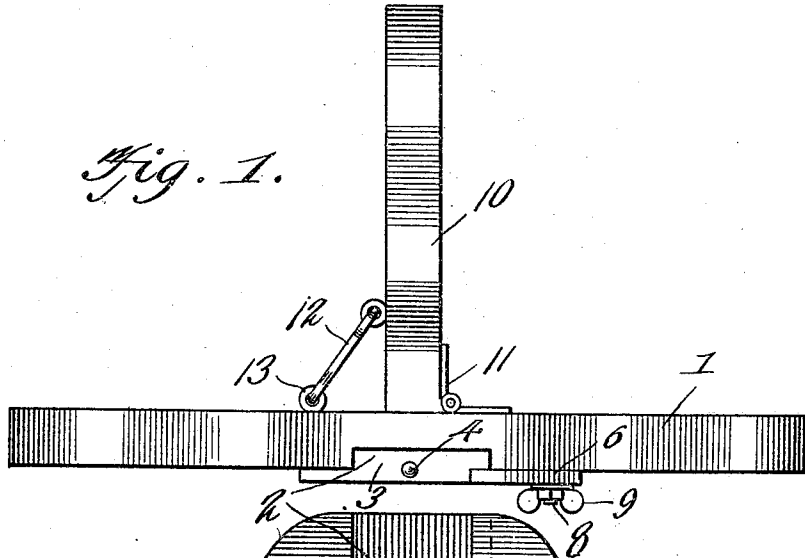


Fig. 2.

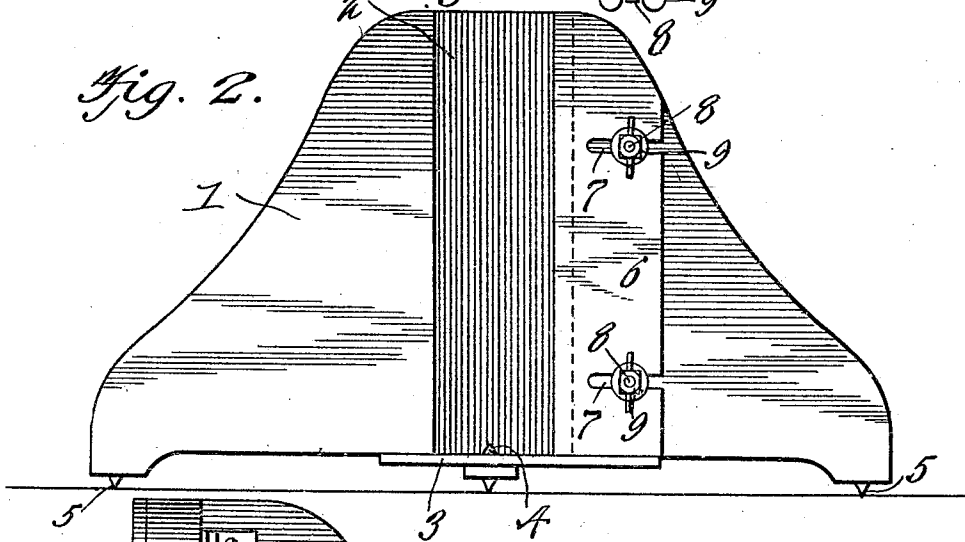
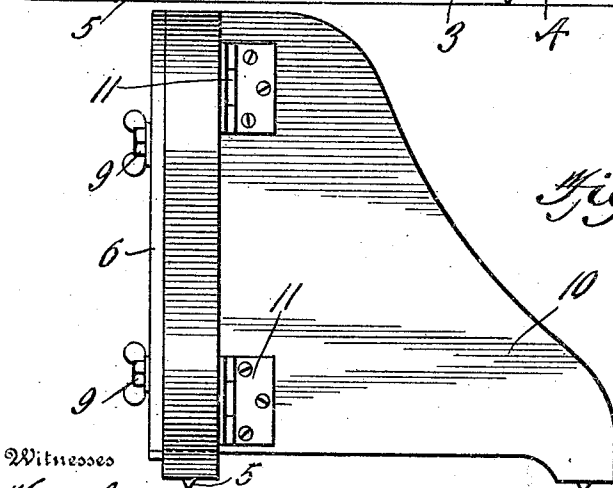


Fig. 3.



Inventor

Charley E. Rose

Witnesses

Frank B. Hoffman
Wm. D. North

By Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

CHARLEY E. ROSE, OF CANISTOTA, SOUTH DAKOTA.

DOOR-FITTING VISE.

959,264.

Specification of Letters Patent.

Patented May 24, 1910.

Application filed May 14, 1909. Serial No. 495,924.

To all whom it may concern:

Be it known that I, CHARLEY E. ROSE, a citizen of the United States, residing at Canistota, in the county of McCook and State of South Dakota, have invented new and useful Improvements in Door-Fitting Vises, of which the following is a specification.

This invention relates to improvements in clamps for retaining doors in proper position, while being planed by the carpenter when fitting a door to a frame and the object of the invention is to provide a simple, cheap and effective device of this character which may be easily and quickly removed from place to place and which may be folded into small compass so as to readily occupy a position within a carpenter's tool chest when not in use.

With the above objects in view and others which will appear as the description progresses the invention resides in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawing, Figure 1 is a top plan view of the improvement. Fig. 2 is a front elevation of the same. Fig. 3 is a side elevation of the same.

In the accompanying drawing the numeral 1 designates the face member of the device. This member 1 as clearly illustrated in Fig. 2 of the drawings has its side edges sloped toward its base so as to provide an enlarged central portion and the outer face of this center is provided with a vertical groove or recess 2. The recess 2 is of a width sufficient to engage a door of the widest make and the bottom portion of this groove 2 is closed by a plate 3 securely connected with the base or bottom of the front or face member 1. The plate 3 is provided with an upwardly projecting spur 4 so as to afford an engaging element for the door positioned within the cut away portion 2. The outer extremities of the bottom portion of the member 1 are also provided with suitable spurs 5 which are adapted to engage a flooring upon which the device is positioned and to secure the same against movement.

The numeral 6 designates a clamping member. This member 6 is of a height equaling the height of the member 1 and of a sufficient width to effectively engage doors of different widths positioned within the opening 2. The plate 6 is provided adjacent both its top and bottom with longitudinally

extending slots 7 and the member 1 is provided with outwardly extending threaded elements 8, which are adapted to be projected through these openings.

The numeral 9 designates suitable nut members which are adapted to engage the threaded elements and to securely retain the member 6 in an adjusted position.

The numeral 10 designates the back or support of the device. This back 10 is preferably hingedly connected with the central portion of the member 1 as indicated by the numeral 11. The rear under face of the back or support 10 is provided with a suitable spur which is adapted to act in conjunction with the spurs 5 of the plate 1 and thus securely sustain the device in position when the door is positioned within the cut away portion 2. The support 10 is provided with a suitable swiveled hook 12 which is adapted to engage with the eye 13 positioned upon the rear face of the member 1 and whereby the said supporting member 10 is effectively sustained at a substantially right angular position to the member 1.

It will be noted by reference to Fig. 1 of the drawing that the plate or member 3 is adapted to extend a suitable distance beyond the face of the member 1 so as to not only afford an effective support for the door, adapted to be positioned within the cut away portion 2 but also as a way for the sliding clamp 6.

From the above description, taken in connection with the accompanying drawing it will be noted that I have provided an extremely simple and effective device for the purpose intended, one which may be easily folded or set up as desired, and one wherein the pins or spurs 5 and 11 effectively prevent the movement of the device under the severest strain in any direction.

Having thus fully described the invention what is claimed as new is:

In a door clamp, a body having a vertical groove, spaced projecting threaded elements upon the body adjacent one of the vertical walls provided by the groove, a plate connected with the bottom of the body and projecting beyond face of the body, said plate being provided with a spur positioned central of the vertical groove, a clamping plate having its lower edge resting upon the body portion of the plate and of a length equaling the height of the body, said clamping plate being provided with longitudinal

slots adapted to engage the threaded elements of the body, removable securing elements for the threaded elements, a back hingedly connected to the rear face of the
5 body member and adapted to swing at an angle to the body, and means for locking the back in its swung position.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLEY E. ROSE.

Witnesses:

W. J. ARMSTRONG,

J. A. BEANER.