W. SMITH.

PATTERN DEVICE.

APPLICATION FILED DEC. 12, 1912.

1,115,030. Patented Oct. 27, 1914.

Fig. 1.

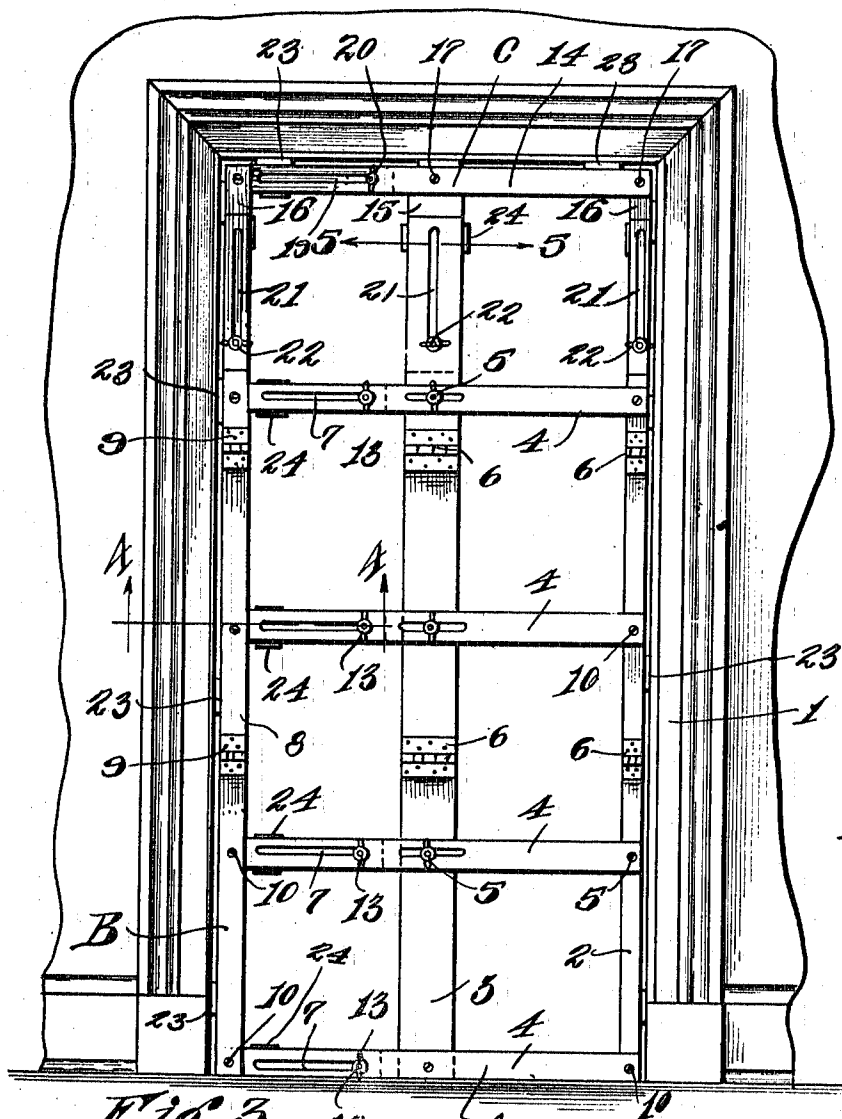


Fig. 2.

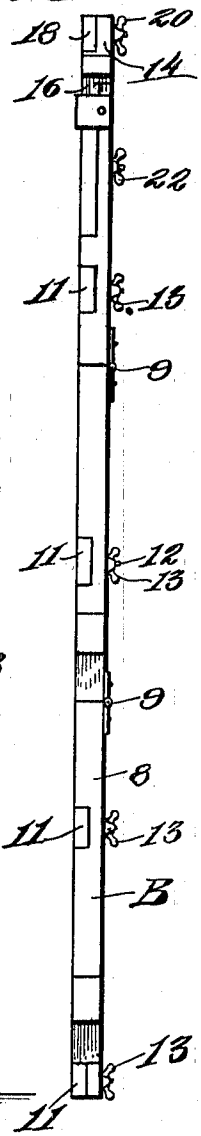


Fig. 3.

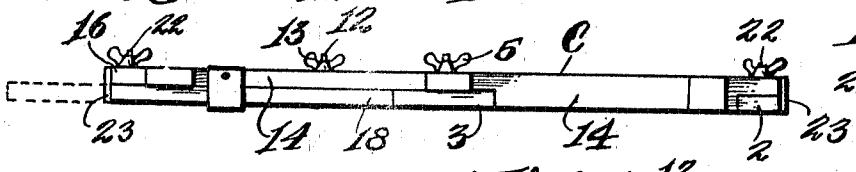


Fig. 5

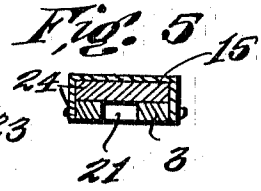
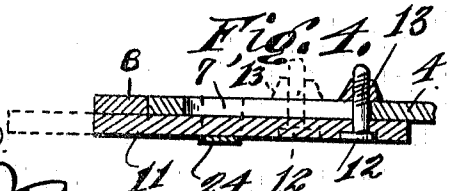


Fig. 4.



WITNESSES

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PATTERN DEVICE.

1,115,030. Specification of Letters Patent. Patented Oct. 27, 1914.

Application filed December 12, 1912. Serial No. 736,372.

To all whom it may concern:

Be it known that I, WESLEY SMITH, a citizen of the United States, residing at East Sparta, in the county of Stark and State of Ohio, have invented new and useful Improvements in Pattern Devices, of which the following is a specification.

My invention relates to a pattern device and one that is used for the particular purpose of fitting a door or other object within a frame or opening.

The main object of the invention is to provide a device of this kind that can be adjusted within the frame or opening to the proper size of the door or object to be fitted therein, together with means whereby the device will serve as a pattern which may afterward be traced or described upon the material from which the door or object is constructed; or which pattern may be used to obtain the various measurements for the door or object when the same is constructed of a number of strips or parts.

Another object of the invention is to provide in connection with the device, means whereby the necessary clearance for the door or other object is provided for.

A further object of the invention is to provide a construction that comprises a plurality of hinged sections which enable the device to be folded into compact form when not in use.

Various other and minor objects are accomplished by the device of my invention which will appear from the description following taken in connection with the accompanying drawings, wherein the preferred embodiment is shown.

In said drawings:—Figure 1 is a front elevation illustrating the device as used in connection with a door-frame; Fig. 2 is an edge view; Fig. 3 is an end view; Fig. 4 is a sectional view on the line 4—4 of Fig. 1; and Fig. 5 is a sectional view on the line 5—5 of Fig. 1.

In these drawings, like reference characters designate like or corresponding parts throughout the several views.

Referring specifically to the drawings, in order to show the application of my invention, a door-frame 1 is illustrated. In the opening of said frame the device embodying my invention, is shown. This device comprises a plurality of relatively adjustable sections which will be referred to generally as a main section A, a side section B and an end section C.

The main section A comprises essentially, a side rail 2, a central rail 3, and transverse bars or rails 4. These rails are rigidly fastened together by suitable bolts, screws or the like as at 5. The rails 2 and 3 are preferably made of a plurality of sections, and the sections of each rail hinged together as at 6. Rails 4, beyond one side of the rail 3, are provided with elongated slots 7.

Side section B comprises a side rail 8 which is preferably made of a plurality of sections hinged together as at 9. Rigidly fastened to the rail 8 as by means of bolts or screws 10, are a plurality of transverse bars 11 adapted to engage against one face of the bars 4. The section B is adjustable relatively to the section A and may be fastened in an adjusted position by means of bolts 12 extending through the bars 11 and through the slots 7, and beyond the same receiving nuts such as winged nuts 13.

The end section comprises an end rail 14 and longitudinal rails 15 and 16. The longitudinal rails 15 and 16 are rigidly fastened to the rail 14 as by means of screws 17. The rail 16 has rigidly fastened thereto, a transverse rail 18 having one face abutting against the face of rail 14. Rails 16 and 18 collectively may be termed a corner section. In rail 14 is provided an elongated slot 19 through which extends a bolt carried by rail 18, which bolt receives a nut, such as a winged nut 20, beyond the rail. Side rail 8 is provided with an elongated slot 21, and rail 16 has extending therethrough a bolt, which also extends through said elongated slot 21, and beyond the same receives a nut such as a winged nut 22.

To the edges of the side and end bars are fastened suitable projecting members 23, to prevent the edges of the frame coming in direct contact with the door-frame, thereby slightly distancing the same and providing for the necessary clearance of the door or object to be fitted.

The bars 11, 15, 16 and 18 may be surrounded by straps 24 bent into U-shape and having their ends fastened to the bars above the same, and relatively to which said mentioned bars slide. These straps, as is obvious, guide the several bars in their movement and maintain the same in operative relation relative to the frame.

While the device is not in use, the same may be folded into compact form by swinging the various parts upon the hinges at 6 and 9 as stated. When being used, the various nuts are loosened and thereupon the sections are slid or extended relative to each other, which action is permitted by means of the elongated slot and bolt connections between the various rails. Upon the parts being extended to the proper positions, the nuts are tightened so that the frame can be removed and serve as a pattern from which to construct the door or other object. It is clear that the end section and side section are adjusted separately relatively to the main section A.

As various changes in the details of construction of the device herein described, may be made without departing from the spirit and scope of the appended claims, such changes are hereby reserved.

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

1. A measuring device of the character described comprising a center rail, side rails, adjustable cross bars connecting said side rails with said center rail, and an end bar adjustably connected with said side rails and center rail.

2. A measuring device comprising a center rail, side rails, said rails being formed of a plurality of sections hingedly secured together, cross bars connecting said side rails with said center rail an end bar at one end of said measuring device, and means for adjustably connecting said end bar with said center and side rails.

WESLEY SMITH.

Witnesses:
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A. E. BOWMAN.