No. 831,242. PATENTED SEPT. 18, 1906.

C. W. ROBISON.

MARKING GAGE.

APPLICATION FILED DEC. 2, 1905.

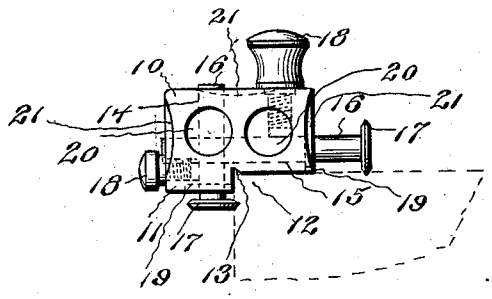


Fig. 1.

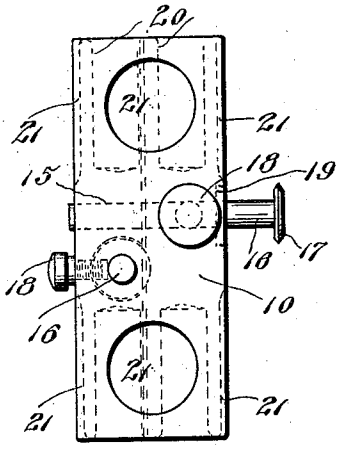


Fig. 4.

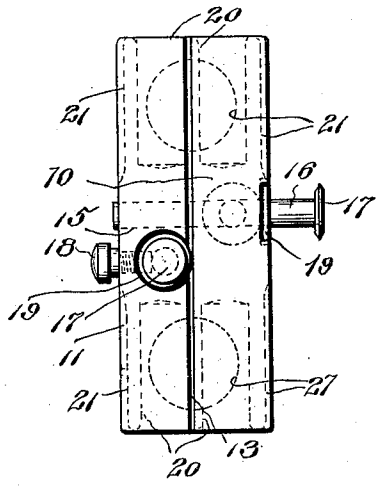


Fig. 2.

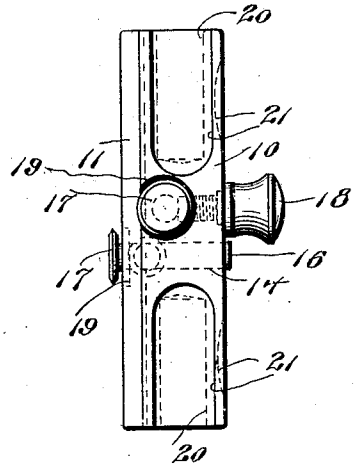


Fig. 3.

Witnesses

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CLARENCE WILMOT ROBISON, OF JUNIATA, PENNSYLVANIA.

MARKING-GAGE.

No. 831,242. Specification of Letters Patent. Patented Sept. 18, 1906.

Application filed December 2, 1905. Serial No. 289,987.

To all whom it may concern:

Be it known that I, CLARENCE WILMOT ROBISON, a citizen of the United States, residing at Juniata, in the county of Blair and State of Pennsylvania, have invented new and useful Improvements in Marking-Gages, of which the following is a specification.

This invention is a marking-gage, and more particularly a tool of this kind comprising a block which carries adjustable scribers arranged at right angles to each other for marking on a door and its jamb both the depth and the width of the hinge-mortises.

The invention consists in certain novel features of construction hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is an end view of the gage; Fig. 2, a bottom plan view; Fig. 3, a front elevation, and Fig. 4 a top plan view.

Referring specifically to the drawings, 10 denotes a substantially rectangular block which forms the body of the gage. On one side the block is formed with an offset portion 11, which forms an angular recess 12, extending the entire length of the block on one side thereof. The walls of the recess serve to guide the tool, being placed over the corner of the part to be gaged, as shown by dotted lines in Fig. 1, and at the meeting of said walls a groove 13 is made in the block, which groove extends lengthwise thereof and serves to prevent paint and slivers from throwing the tool out of alinement. The dimensions of the recess are such that the tool can be used closely to a door-casing.

The block is formed with transverse openings 14 and 15, respectively, which are arranged at right angles to each other, and the opening 14 is so located as to extend through the offset 11. The shanks 16 of the scribers 17 are slidably mounted in the aforesaid openings, so that they can be adjusted according to the dimensions of the hinge to be applied to the door or other part, the scribers being held in adjusted position by thumbscrews 18. The scribers are round or disk-shaped and will be made of hardened steel, thereby prolonging the life of the tool. The openings 14 and 15 are counterbored, as at 19, in which the scribers are pushed when the tool is not in use to protect their cutting edges and also to obtain a greater range of adjustment. The cutting edges of the scribers extend beyond the ends of the walls of the recess 12, so that when the scribers are pushed in the counterbores 19 they will still be in operative position. The scribers can therefore be set close together and used to mark mortises for quite small hinges.

For the purpose of reducing the weight of the tool recesses 20 are made in both ends of the block. Recesses 21 are also made in the block to serve as finger-holds.

A gage constructed as herein described is simple in construction and has no complicated parts to get out of order. It can be cheaply produced, and its adjustment is quick and accurate.

I claim—

1. A marking-gage comprising a block formed with a recess to receive the part to be marked, and adjustable scribers carried by the block and arranged at right angles to each other and projecting beyond adjacent sides of the recess respectively, the scribers being arranged to simultaneously mark a piece of work in the recess.

2. A marking-gage comprising a block formed with a recess to receive the part to be marked, and having transverse openings arranged at right angles, said openings having counterbores which open into adjacent sides of the recess respectively, and scribers adjustably mounted in the openings, and extensible into the counterbores, the cutting edges of the scribers projecting beyond adjacent sides of the recess when in said counterbores.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CLARENCE WILMOT ROBISON.

Witnesses:

C. F. D. METZGER,

S. S. METZ.