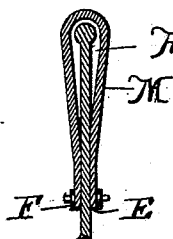
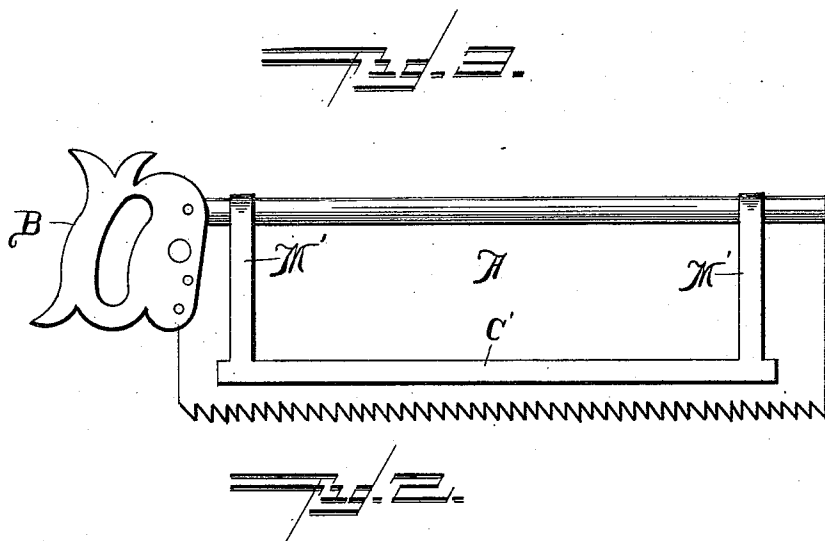
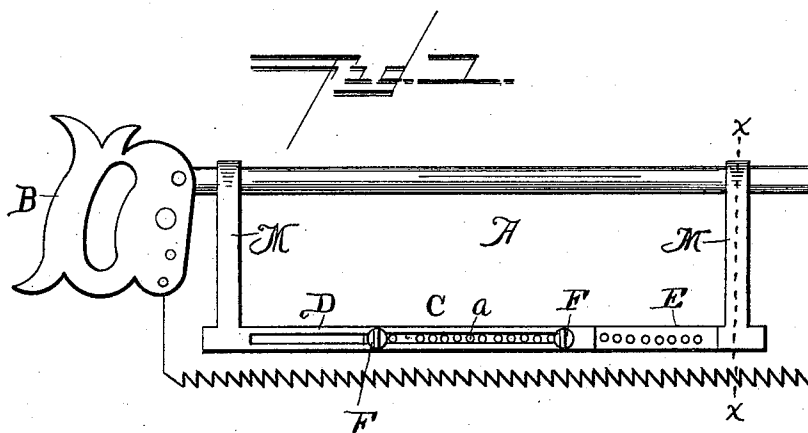


(No Model.)

C. E. KING.
SAW GAGE.

No. 467,010.

Patented Jan. 12, 1892.



Witnesses

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UNITED STATES PATENT OFFICE.

CLARENCE ELIAS KING, OF WASHINGTON, DISTRICT OF COLUMBIA.

SAW-GAGE.

SPECIFICATION forming part of Letters Patent No. 467,010, dated January 12, 1892.

Application filed June 10, 1891. Serial No. 395,831. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE ELIAS KING, a citizen of the United States, residing at Washington, in the District of Columbia, have invented new and useful Improvements in Saw-Gages; and I 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.

My invention has relation to improvements in saw-gages; and its novelty will be fully understood from the following description and claims, when taken in conjunction with the accompanying drawings, in which—

Figure 1 is a side elevation of my improved gage in position upon a saw-blade. Fig. 2 is a transverse section taken in the plane indicated by the line xx on Fig. 1. Fig. 3 is a side elevation of a modified form of gage in position upon a saw-blade.

Referring by letter to the said drawings, and more particularly to Figs. 1 and 2 thereof, A indicates a saw-blade of the ordinary or any preferred form, and B indicates the handle thereof.

C indicates the longitudinal gage-bars of my improved gage, which rest on either side of the saw-blade and respectively comprise two longitudinal sections D E, designed to be adjusted longitudinally with respect to each other for a purpose presently disclosed. The sections D of the gage-bars C are longitudinally slotted for the greater portion of their length for the passage of binding-screws F, which take into the threaded apertures a , formed at intervals in the length of the sections E, and serve in practice to adjustably fix the sections with respect to each other.

By the provision of the extensible gage-bars, as above described, it will be seen that the length of the gage can be readily regulated to suit saws of various lengths, and when not in use the gage can be adjusted so as to occupy but little space in a tool-box.

Formed integral with or suitably connected at their ends to the sections D and E, respectively, of the gage-bars C are the spring clamping-loops M, which straddle the saw-

blade, as illustrated, and serve in practice to bind and hold the gage-bars C against the sides of the blade. These clamping-loops M, which may be formed of spring-steel or other suitable material, are bowed at their middles, as better shown in Fig. 2, so as to increase their resiliency and enable them to firmly bind against the blade of the saw and hold the gage in its adjusted position.

In Fig. 3 of the drawings I have illustrated a modification in which the gage-bars C' are formed by single bars and are formed integral with or suitably connected to the clamping-loops M', which loops are similar in form to those illustrated in Figs. 1 and 2.

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

1. The improved saw-gage, substantially as described, comprising the longitudinal gage-bars adapted to rest on opposite sides of a saw-blade, and the spring clamping-loops bowed at their middles and having their ends connected to the gage-bars, the said clamping-loops straddling the upper edge of a saw-blade and acting to bind the gage-bars against the sides thereof, substantially as specified.

2. In a saw-gage, the combination, with the longitudinal gage-bars comprising the adjustably-connected extensible sections, of the spring clamping-loops having their ends connected to corresponding sections of the gage-bars, substantially as specified.

3. In a saw-gage, the combination, with the gage-bars comprising the sections D, having longitudinal slots, the sections E, having threaded apertures at intervals in their length, and the set-screws for adjustably fixing said sections, of the spring clamping-loops having their ends connected to corresponding sections of the gage-bars, substantially as specified.

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

CLARENCE ELIAS KING.

Witnesses:

C. S. FRYE,

SAML. A. DRURY.