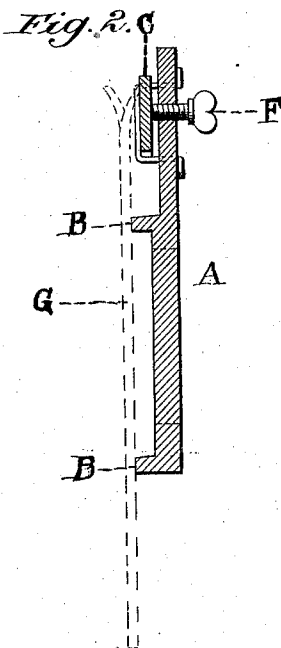
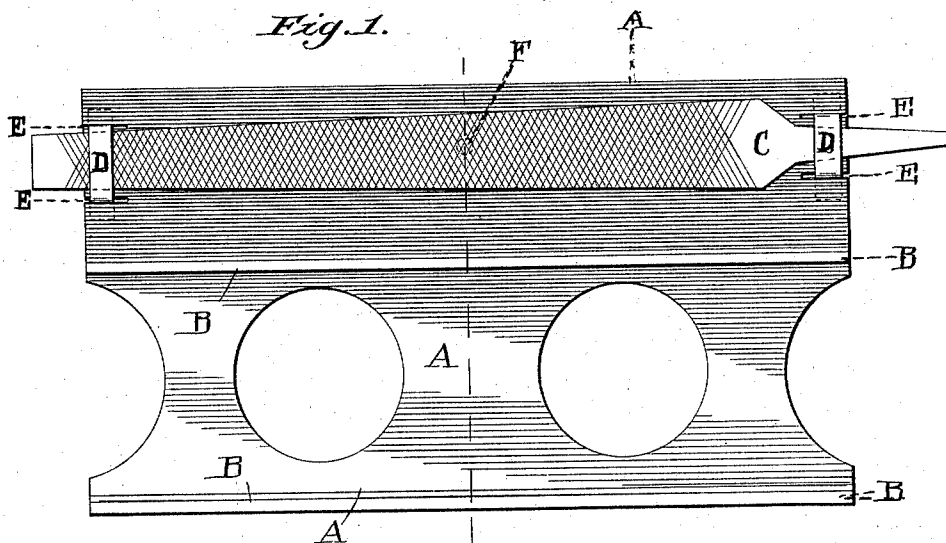


J. S. GWYNNE.
SAW FILING DEVICE.
APPLICATION FILED APR. 26, 1909.

967,761.

Patented Aug. 16, 1910.



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JEROME S. GWYNNE, OF REUBENS, IDAHO.

SAW-FILING DEVICE.

967,761.

Specification of Letters Patent.

Patented Aug. 16, 1910.

Application filed April 26, 1909. Serial No. 492,420.

To all whom it may concern:

Be it known that I, JEROME S. GWYNNE, a citizen of the United States, and a resident of Reubens, in the county of Nez Perce and State of Idaho, have invented certain Improvements in Saw-Filing Devices, of which the following is a specification.

My invention relates to improvements in that class of devices or apparatus in which a file is employed in such manner as to act on the sides of saw-teeth for the purpose of reducing said teeth to a uniform gage or set.

The invention is embodied in the construction and combination of parts hereinafter described, and illustrated in the accompanying drawing, in which:—

Figure 1 is a side view of my invention; and Fig. 2 is a central transverse, vertical section of the same.

The body of the device is an iron frame or plate A having two parallel or longitudinal ribs B on one side, the same being spaced apart vertically. These ribs serve as points of contact for the blade of the saw G in the operation of filing the saw teeth; in other words, the plate is laid alongside the saw-blade, which is in frictional contact with the ribs B, and the plate is then reciprocated in order to cause the file C to work on the saw-teeth. The file is arranged near the top of the frame or plate A, and held with its side parallel to the frame, but slightly spaced therefrom. The file C is held against the top portion of the frame A by means of devices D in the form of U-shaped clips or staples, whose ends pass through longitudinal parallel slits or open slots E formed in the ends of the frame. The staples are flexible and their ends are turned out at right

angles and then rest in contact with the back of the frame A and serve to hold the ends of the file in due position. These clips or staples D may be easily and quickly inserted in place, as shown in Fig. 1, and they may be as readily removed when required. In such case, they are slid into and out of the slits E.

A clamping-screw F is inserted through a threaded hole in the middle of the top portion of the frame or plate A, and its point bears against the middle portion of the file. Thus, by tightening the screw, the file is pressed outward against the clips or staples D and held firmly in place.

As before intimated, in practical use of the invention, the frame or plate A is placed against the saw-blade, with the file C directly opposite the saw-teeth, as illustrated in Fig. 2, and the blade is then reciprocated so that the file works in a sliding contact with the lateral sides or points of the saw-teeth and quickly reduces them to a uniform lateral gage or set.

What I claim is:—

The improved saw-filing device comprising a frame having parallel side ribs arranged longitudinally but spaced apart vertically and provided in its upper portion with pairs of end slits, U-shaped clips adapted for insertion in and removal from the said slits, to receive the ends of the file, and a clamp-screw inserted through the top middle portion of the frame, substantially as described.

JEROME S. GWYNNE.

Witnesses:

W. O. PERSONS,
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