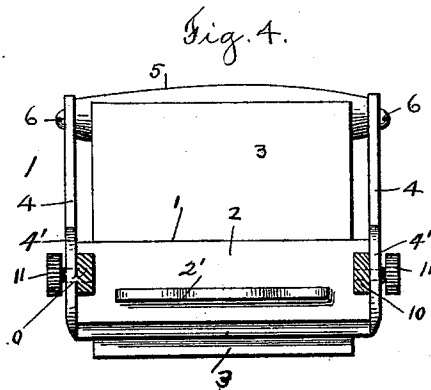
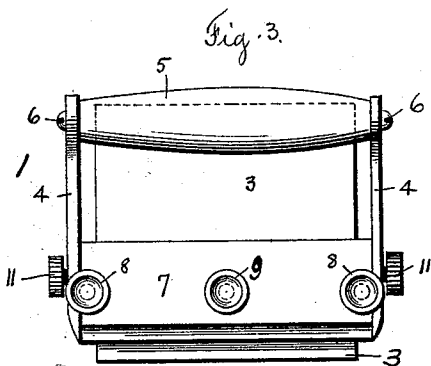
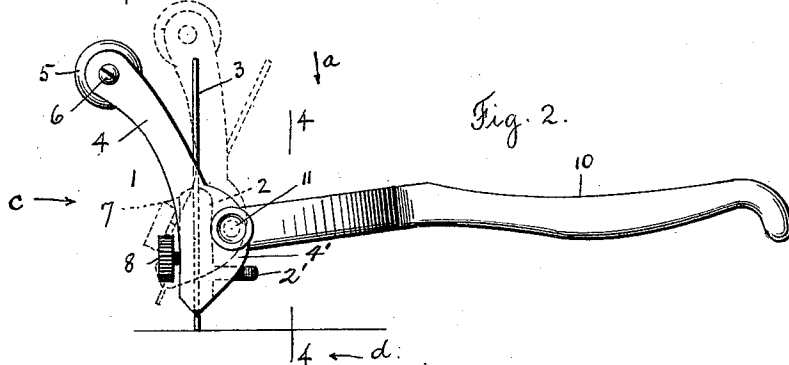
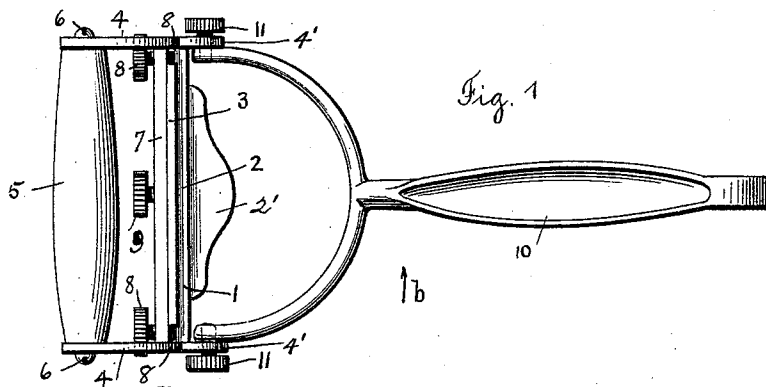


(No Model.)

J. CARRIERE.
HOLDER FOR SCRAPERS.

No. 538,010.

Patented Apr. 23, 1895.



Witnesses
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UNITED STATES PATENT OFFICE.

JOSEPH CARRIERE, OF WORCESTER, MASSACHUSETTS.

HOLDER FOR SCRAPERS.

SPECIFICATION forming part of Letters Patent No. 538,010, dated April 23, 1895.

Application filed October 19, 1894. Serial No. 526,382. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH CARRIERE, a subject of the Queen of Great Britain, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Holders for Scrapers; and I do hereby declare that the following is a full, clear, and exact description thereof, which, in connection with the drawings making a part of this specification, will enable others skilled in the art to which my invention belongs to make and use the same.

My invention relates to a holder for a scraper, such as is used by a carpenter or cabinet maker, for scraping and smoothing surfaces of wood, &c. The scraper consists of a thin plate of steel, having a sharpened scraping edge preferably formed by cutting the edge of the scraper off at right angles to the side so that the front edge forms the cutter and the depth of the cut is altered by changing the inclination of the blade by moving the top of the plate more or less to the front.

The object of my invention is to provide a holder for the scraper, which holder is of simple construction and operation, and in which the scraper may be quickly secured, and be adjusted, as desired, and may also be held at any desired angle, relatively to the surface upon which the scraper is used.

My invention consists in certain novel features of construction and operation of my scraper holder, as will be hereinafter fully described, and the nature thereof indicated by the claim.

Referring to the drawings: Figure 1 is a plan view of my scraper holder, with a scraper combined therewith, looking in the direction of arrow *a*, Fig. 2. Fig. 2 is a side view, looking in the direction of arrow *b*, Fig. 1. The dotted lines show the holder and scraper at a different inclination. Fig. 3 is a rear view, looking in the direction of arrow *c*, Fig. 2, and Fig. 4 is a vertical cross section on line 4, 4, Fig. 2, looking in the direction of arrow *d*, same figure.

In the accompanying drawings, 1 is the holder proper, preferably made of cast metal, and consists of the base plate 2, against which the scraper, or blade 3 rests, and the two side pieces 4, 4 extending up from the plate 2.

Said plate and side pieces are preferably made integral. The base plate 2 is preferably strengthened by a fin or ridge 2' on the back side thereof. Between the upper ends of the two side pieces 4, 4, is secured the handle 5, by screws 6. In connection with the base plate 2 of the holder, upon which the scraper 3 rests, is used the clamping plate 7, to secure the scraper in the holder. The clamping plate 7 extends between the side pieces 4, 4, parallel to the base plate 2, and is adjustably secured thereto by screws, in this instance, by two thumb screws 8, which extend through threaded holes in the plate 7, at the ends thereof, and outside of the side edges of the scraper 3, as shown in Fig. 1.

A third thumb screw 9 turns through a threaded hole in the central portion of the clamping plate 7, and bears at its inner end on the top surface of the scraper 3, at the middle portion thereof, and serves to hold the middle portion of the scraper edge down on the base plate 2, and prevent the scraper from rattling.

By means of the thumb screws 8, the clamping plate 7 may be readily loosened or removed, to adjust or remove the scraper 3, and the scraper may be raised or lowered to vary the length of the scraping edge beyond the lower edge of the base plate 2, as desired, and as the edge of the scraper wears from constant use, and from sharpening, the scraper can be moved down in the holder.

In connection with the holder 1, above described, I use a handle 10, which is made yoke shaped at one end, and pivotally attached by thumb screws 11, to forwardly projecting ears 4', on the side pieces 4, 4.

The handle 10 is grasped by one hand of the user, and the handle 5 by the other hand. By the handle 10, the scraper 3, secured in the holder 1, is drawn or moved along the surface to be scraped, and by the handle 5 the scraping edge of the scraper 3 is held down on the surface to be scraped, and the inclination of the scraper is varied, as desired, by moving the holder 1 on its jointed connection with the handle 10, as shown by dotted lines in Fig. 2.

By inclining the side pieces to the rear of the plate 2, a long blade or plate 3 may be

used as shown in the drawings, and it will also cause the handle to be located more nearly in a direct line above or a little to the front of the scraper, which, in connection with the location of the pivotal point between the blade and the handle in front of the cutting edge, will permit a greater amount of pressure to be applied when the scraper is set for making the greatest cut. It will also permit of the handle being thrown forward to such an extent that the scraper can be thrown back so as to enter an angle and commence scraping at the base of a wall or side.

In case it is desired to have a rigid connection between the holder 1 and the handle 10, to hold the same in a fixed position relatively to each other, the thumb screws 11 are screwed in to bind the parts together.

The advantages of my holder for scrapers will be readily appreciated by those skilled in the art. It is of very simple construction and operation, and the scraper blade may be quickly attached thereto, and adjusted therein as desired, and scraper blades of different widths may be used; and by means of the holder the scraper is rigidly held, and may be easily operated without injury to the user's hands, and may be worked in corners and undercut surfaces, &c.

It will be understood that the shape and details of construction of some of the parts of

my scraper holder may be varied somewhat if desired.

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

In a scraper, the combination, with a base plate provided with a rearwardly extending arm and a forwardly extending perforated ear at each end thereof, the front portion of the plate being provided with a strengthening fin or rib, a handle between the rear ends of the side pieces, a clamping plate at the rear of the base plate and between the side pieces, a screw at each end of the plate and a thumb screw at the middle thereof, a scraping blade between the two plates, the bottom of which is at substantially a right angle to the surfaces, and at the rear of the perforations of the ears, the upper end of the blade projecting above the plates and in front of the handle, and a yoke shaped handle secured to the ears, each end of the yoke being provided with a screw threaded perforation, and a screw through each ear into the end of the yoke, whereby the ears may be pivotally or rigidly secured to the handle, substantially as set forth.

JOSEPH CARRIERE.

Witnesses:

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