

(No Model.)

F. SISSON.
SCRAPER.

No. 587,873.

Patented Aug. 10, 1897.

Fig. 1.

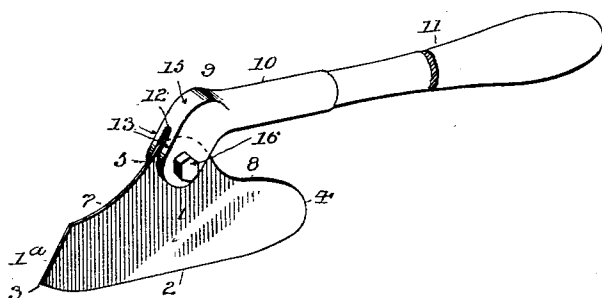


Fig. 2.

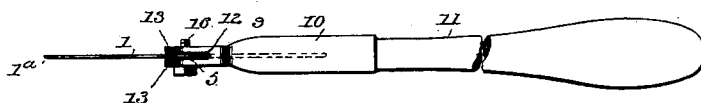


Fig. 3.

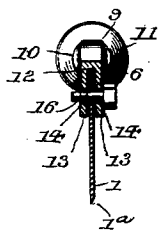
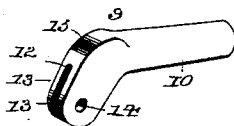


Fig. 4.



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SCRAPER.

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Application filed April 24, 1897. Serial No. 633,687. (No model.)

To all whom it may concern:

Be it known that I, FRANK SISSON, a citizen of the United States, residing at Walloomsack, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Scrapers; 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 relates to improvements in scrapers for machinists' use, the object being to provide a simple and inexpensive tool for removing accumulations of oil, dirt, packing, &c., from parts of engines and machinery and to so construct the tool as to adapt it for removing the incrustations from parts inaccessible to the scrapers of ordinary construction.

To the accomplishment of this end my invention consists in a tool embodying certain novel constructions, combinations, and arrangements of parts hereinafter more fully described, and specifically set forth in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of a tool embodying my invention. Fig. 2 is a top plan view of the same. Fig. 3 is a vertical cross-sectional view. Fig. 4 is a detail perspective view of the tool-handle.

Like numerals designate corresponding parts throughout the several figures of the drawings.

Referring to the drawings, the numeral 1 designates the scraper-blade, formed with a substantially horizontal lower edge beveled to a point at its opposite sides to form a cutting or scraping edge 1^a, adapted for use on broad surfaces. The front end 2 of the blade inclines inwardly and is beveled to form a cutting edge, and this causes the formation of a point 3 at the intersection of the lower horizontal edge and said front edge, which is adapted especially for use in removing accumulations from openings, grooves, and oil-slots, the rear edge 4 of the blade being curved, as shown, so as to adapt it especially for use upon concave surfaces.

The plate is formed with a crown-point or upper attaching extremity 5, provided with

an opening 6. This attaching-point is formed by the inward curvature of the two ends of the scraper-blade, and as the attaching extremity is of less length than the blade the said inwardly-curved edge of the scraper forms shoulders 7 and 8 for a purpose presently described.

The numeral 9 designates the tool-handle, which consists of a metal socket 10 to receive a wooden handle 11, provided with a bifurcated or slotted extremity 12, forming jaws 13, adapted to receive the attaching extremity of the scraper-blade. These jaws are angularly disposed, as shown, and are provided with openings 14, and the upper end of the slotted portion thereof terminates in a curved shoulder 15, adapted to rest upon the supporting-shoulder 7 of the blade, as hereinafter described. The blade and handle are connected by means of a screw 16, passed through the said opening in the blade and the openings in the jaws, and is adapted to draw upon the said jaws and cause them to tightly bind against the blade. This construction of blade and jaws enables the handle to be adjusted to a horizontal position at either side of the attaching extremity or to assume a vertical position, so as to enable the scraper to be handled with convenience to suit the structure and arrangement of the part being scraped.

I do not care to limit my invention to the special construction and arrangement of parts herein shown and described, but reserve to myself the right to make such changes as fairly fall within the spirit and scope of my invention.

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

In a scraper of the class described, the combination of a blade formed with a lower horizontal cutting edge, a broad curved rear edge, an inwardly-inclined front edge forming with the said lower horizontal edge a pointed extremity, said front and rear edges curving inwardly and upwardly and forming a reduced tapered attaching extremity, and a handle provided with a socket having a bifurcated or slotted extremity disposed at an angle thereto and forming jaws to receive the

attaching extremity of the blade, a shoulder
at the intersection of the socket and said ex-
tremity to abut against the upper front edge
of the scraper and limit the downward move-
5 ment of the handle, and a pivot pin or bolt
passed through the said jaws and blade and
securing the same together, substantially as
described.

In testimony whereof I have signed this
specification in the presence of two subscrib- 10
ing witnesses.

FRANK SISSON.

Witnesses:

CHAS. E. DURFEE,
L. A. BEARD.