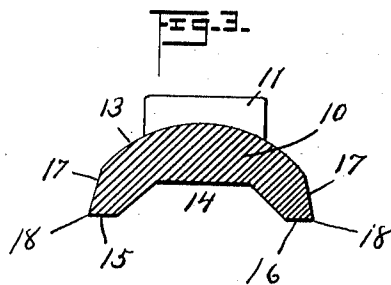
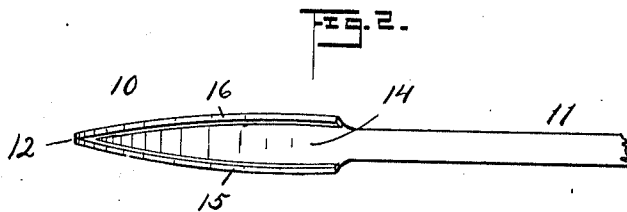
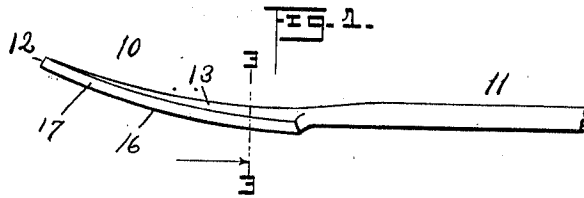


A. A. KRAEUTER.
 SCRAPING TOOL.
 APPLICATION FILED DEC. 16, 1909.

953,171.

Patented Mar. 29, 1910.



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SCRAPING-TOOL.

953,171.

Specification of Letters Patent. Patented Mar. 29, 1910.

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To all whom it may concern:

Be it known that I, ARTHUR A. KRAEUTER, a citizen of the United States, residing at South Orange, in the county of Essex and State of New Jersey, have invented certain Improvements in Scraping-Tools, of which the following is a specification.

This invention relates to that class of scrapers which are employed by machinists and the like for scraping out bearings or other places in which there is too tight a fit, and the objects of the invention are to secure such a tool of simple and convenient construction, which can be readily sharpened upon becoming dull, and to obtain other advantages and results as may be brought out in the following description.

Referring to the accompanying drawings, in which like numerals of reference indicate corresponding parts in each of the several figures, Figure 1 is a side elevation of a scraping tool of my improved construction; Fig. 2 is an underneath view of the tool, and Fig. 3 is a cross section taken on line 3—3 of Fig. 1 and looking in the direction indicated by the arrow.

In said drawings, 10 indicates the body portion of a scraping tool, and 11 a portion of a shank formed integral with said body portion. This shank 11 provides in any suitable and ordinary manner for the attachment of a handle of any common and well-known construction to be grasped by the workman in using the tool. It is thought unnecessary to illustrate this handle in detail. The said body portion 10 of my improved scraping tool is in plan somewhat tapering and narrows to a point at its end farthest from its shank 11. In edge view, as shown in Fig. 1, said body portion 10 curves gently upward toward its said point 12 just referred to. The top of the body portion 10 is preferably curved or rounded transversely, as at 13 in Fig. 3.

In the bottom of the body portion 10 is a recess 14 extending longitudinally of said body portion nearly to its point 12, and thus leaving at the opposite edges of the body portion 10 downwardly depending ribs 15, 16 which follow the shape of the body portion 10 and meet at the point 12 thereof. These ribs 15, 16 are of substantially uniform thickness or cross sectional area, and preferably this is such as best adapts them

to the scraping of metal. The outer edge walls of the body portion 10, which it will be seen are the outer sides of the ribs 15, 16, are preferably flattened or ground off, as at 17. When therefore the faces of the ribs 15 and 16 are ground off transversely of the tool, sharp cutting edges 18 are formed at the outer corners of said ribs 15, 16. Furthermore, these cutting edges can be renewed or sharpened at any time desired by simply setting the tool flat upon the grindstone. Great ease of sharpening is thus obtained, and the tool may be used and sharpened a great many times before the ribs 15 and 16 become worn down too much. Grinding or sharpening is also made very simple.

It will be understood that the workman takes the tool by its handle or shank, and setting the ribs 15, 16 upon the work to be scraped, he bears upon the top of the tool and gives it an obliquely sidewise movement. The two narrow cutting ribs 15 and 16 adapt the tool to be used efficiently upon bearings or similarly curved surfaces of widely different radii.

Having thus described the invention, what I claim is:

1. The herein described scraping tool, comprising a body portion having at its under surface separated depending ribs whose ground faces provide sharp cutting edges at the outer sides of the scraper, and a shank for said body portion.

2. The herein described scraping tool, comprising an integral shank, and a body portion, said body portion tapering away from said shank and having at its under surface marginal ribs which converge toward the point of the scraper and are sharpened at their faces.

3. The herein described scraper, comprising a body portion tapering to a point at its forward end and being curved upwardly, said body portion having a longitudinal median groove or recess in its under side providing cutting ribs at opposite edges of the tool, said cutting ribs being ground at their faces and at the outer sides of the tool, and a shank for said body portion.

ARTHUR A. KRAEUTER.

In the presence of—

RUSSELL M. EVERETT,
FRANCES E. BLODGETT.