

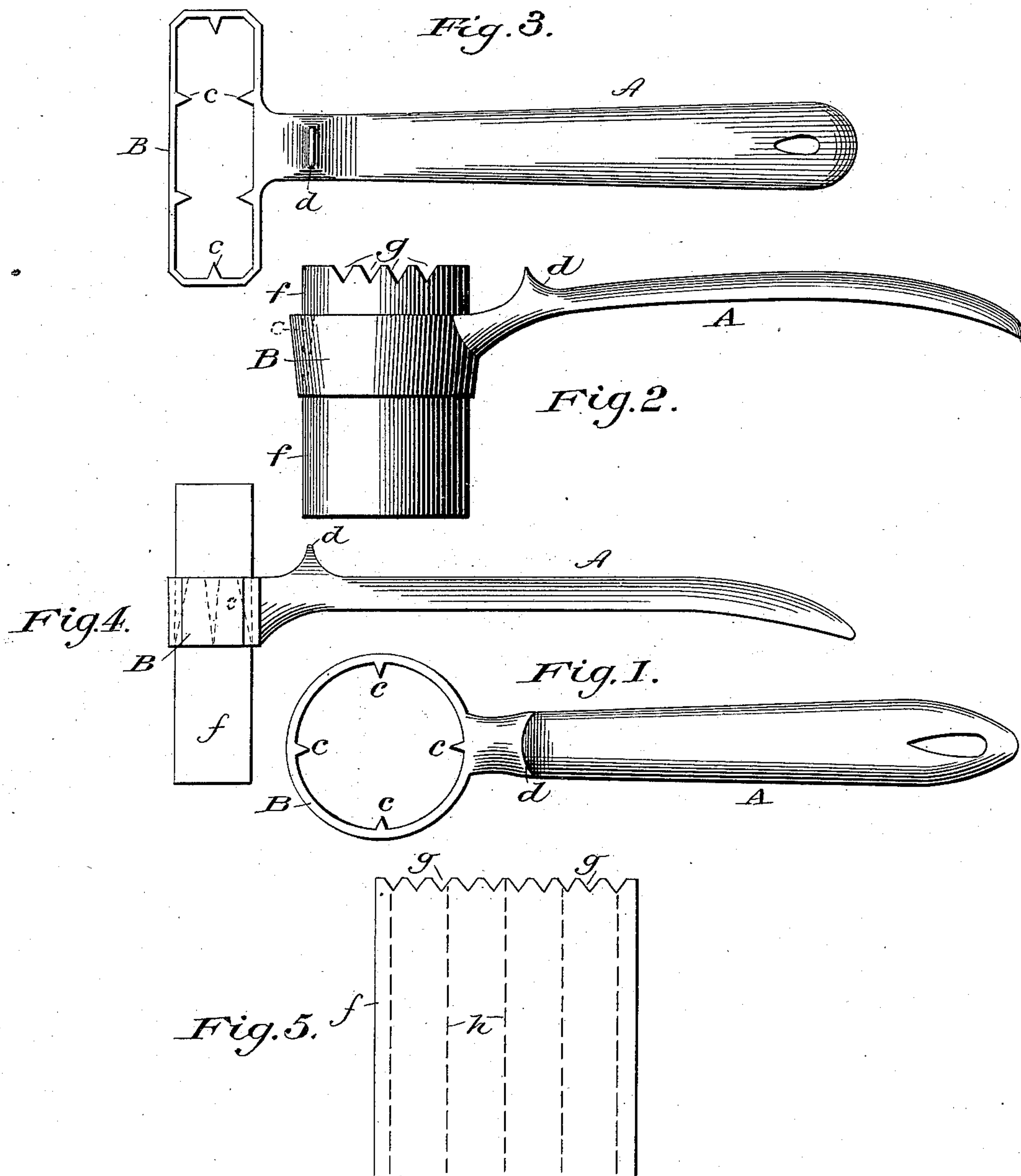
(Model.)

H. J. KEELER.

SCOURER FOR KNIVES AND FORKS, METAL AND GLASS.

No. 311,249.

Patented Jan. 27, 1885.



Witnesses:

C. R. Hastings,
Chas B. Souder.

Inventor:

Hiram J. Keeler.

UNITED STATES PATENT OFFICE.

HIRAM J. KEELER, OF PHILADELPHIA, PENNSYLVANIA.

SCOURER FOR KNIVES AND FORKS, METAL, AND GLASS.

SPECIFICATION forming part of Letters Patent No. 311,249, dated January 27, 1885.

Application filed March 17, 1884. (Model.)

To all whom it may concern:

Be it known that I, HIRAM J. KEELER, of the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Device for Scouring and Polishing Knives and Forks and Metal or Glass, of which the following is a description, reference being had to the drawings herewith accompanying.

Figure 1 is a top view, in which A represents the handle, B the open thimble, and *c c c c* the lugs on its inner periphery, and *d* the arrest.

Fig. 2 is a side view of same with scourer attached. *f f* is the cork, leather, felt, soft wood, or other scouring or polishing agent employed; and *g g*, the corrugations in the upper or top end of scourer.

Fig. 3 represents a top view of holder with an oblong thimble, and Fig. 4 a side view of the same with a scourer in working position.

Fig. 5 is a side view of one form of my felt or leather scourer, *g g g* showing the corrugations at top, and *h h h* the longitudinal lines of stitching employed in construction of same.

The lugs *c* are wedge-shaped knife-edge projections, equidistant, and terminating at or near the base of the thimble, and nearly representing in form the half of a pyramidal shaft cut longitudinally through its opposite angles from base to apex. They serve to tighten and hold the scourer firmly in position, but admit of its being withdrawn, rotated, and replaced, to change position of its wearing-surfaces. The thimble may be round, square, or oblong, as best adapted to the work in hand. The handle falls upon the side of the thimble at a slight elevation from a right angle, thus inclining the lower end of the scourer slightly forward, for giving a better working position. The arrest *d* on the top of the handle prevents the hand from slipping forward, thereby maintaining a uniform leverage force during the thrust forward in operating.

The lower or working surface of the scourer is even and smooth for scouring or polishing knife-blades, the flat surfaces of forks, and for cleaning and polishing metallic and glass surfaces. The upper working end of the

scourer is corrugated for scouring and polishing the inner edges of the fork-tines, and for cleaning and polishing beaded or corrugated surfaces of metal or glass.

When leather is employed as a scourer, I prefer walrus-leather of the thickness of the diameter of the thimble, (whether the thimble be round, square, or oblong;) but any solid and substantial leather of less thickness than the diameter I coil tightly to diameter required, using common glue or gum-tragacanth as an adherent. When the thimble is square or oblong, the leather is glued, lapped, or laid in layers and stitched longitudinally. On becoming dry the leather scourers are forced into position in the thimble the same as when constructed of cork or soft wood.

The felt scourer is used chiefly for cleaning and polishing metallic and glass surfaces, and the thimble is oblong or parallelogrammic in shape, and of dimension to suit the work in hand—generally about one-half inch to one inch in thickness, and from three to four or more inches in width—the longitudinal diameter of thimble being at right angles with the handle. When the felt used is less in thickness than the diameter of the thimble, I construct my felt scourer by lapping or in layers to thickness required, and then stitching the same longitudinally, in like manner as I construct my leather scourer of similar dimension and form, the corrugations in the top end of the scourer running transversely to the greater diameter of the thimble.

Any kind of scouring-grits or polishing powders and pastes in general use can be used in connection with this device, and the scouring and polishing agents enumerated.

The advantages accruing to the public by this device—a holder consisting of handle, arrest, thimble, and lugs in a single inexpensive casting, constructed for holding and operating a variety of scouring and polishing agents conceded to be among the best and most effective, as they are among the simplest and cheapest, and each adapted to the work in hand—must be evident to all.

What I claim as my sole invention, and desire to secure by Letters Patent, is—

1. A holder consisting of handle with arrest, thimble, and lugs combined, for holding a scouring agent for operating the same, as a device for scouring, as shown and described.
2. A holder consisting of handle and thimble and lugs combined, for holding a scour-

ing agent for operating the same, as a device for scouring, as shown and described.

HIRAM J. KEELER.

Witnesses:

E. R. HASTINGS,
CHAS. B. SOUDER.