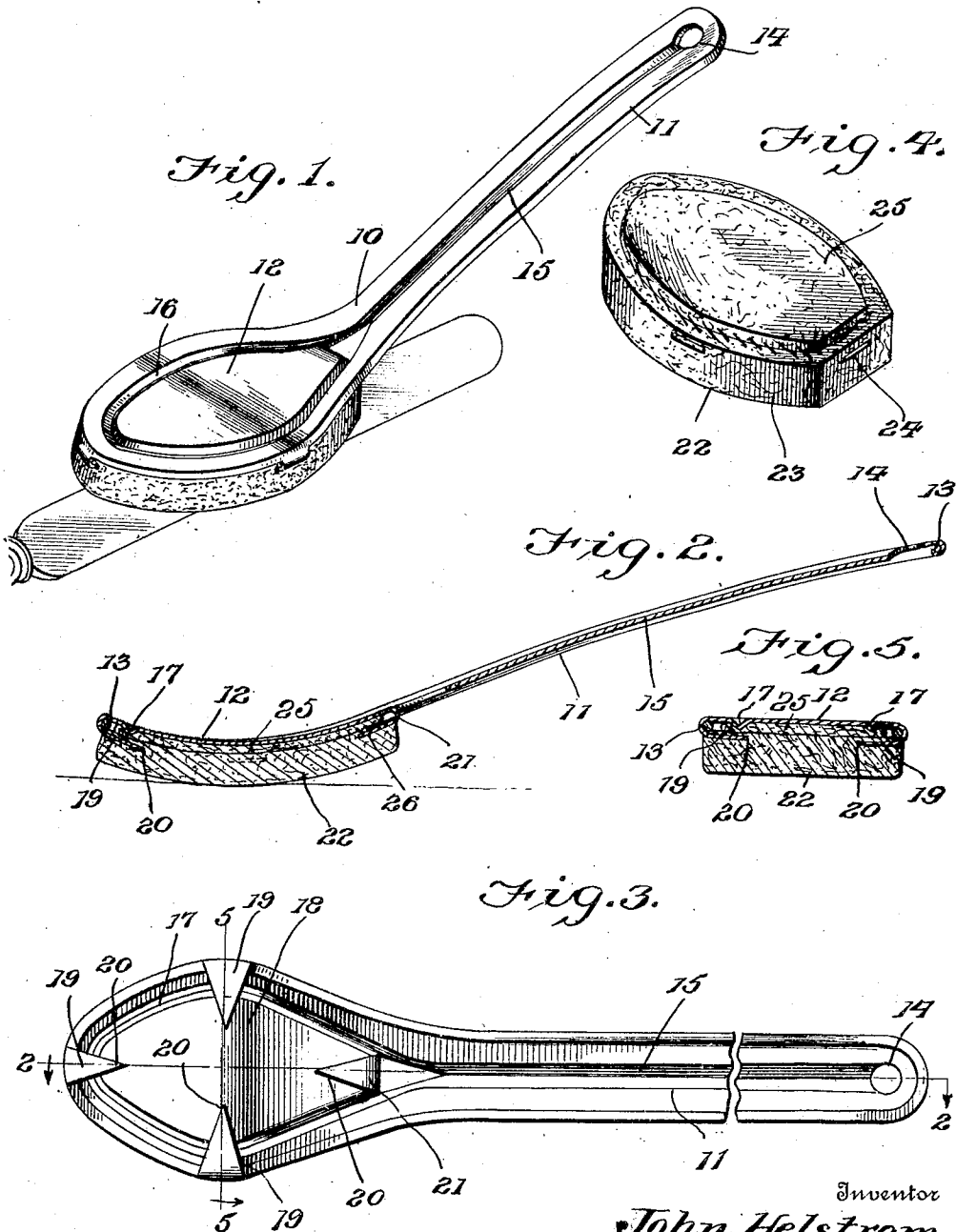


J. HELSTROM.
 CULINARY CLEANER.
 APPLICATION FILED FEB. 3, 1914.

1,127,244.

Patented Feb. 2, 1915.



Witnesses

John Helstrom
 J. Helstrom

By

Stran. & Co. Attorneys.

Inventor
 John Helstrom.

UNITED STATES PATENT OFFICE.

JOHN HELSTROM, OF MORRISTOWN, NEW JERSEY.

CULINARY CLEANER.

1,127,244.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN HELSTROM, citizen of the United States, residing at Morristown, in the county of Morris and State of New Jersey, have invented certain new and useful Improvements in Culinary Cleaners, of which the following is a specification.

This invention relates to cutlery cleaners and more particularly to an improved device especially adapted for use in private families in cleaning and polishing silverware.

The invention has as its object to provide an implement such as above described which will be simple in construction, and thus comparatively inexpensive, and which may be conveniently manipulated in use.

A further object of the invention is to provide an implement which although primarily designed for cleaning cutlery, may also be utilized for other purposes, the device carrying a pad which may be used in applying grease to domestic cooking utensils, thus adapting the invention as a dauber.

A still further object of the invention is to provide a device carrying a pad which may be readily removed to be replaced by other pads especially adapted for various other purposes.

With these and other objects in view, the invention will be more fully described, illustrated in the accompanying drawings, and then specifically pointed out in the claims which are attached to and form a part of this application.

In the accompanying drawings—Figure 1 is a perspective view of my improved cutlery cleaner, showing the manner of using the device in scouring knives, the knife being conventionally shown. Fig. 2 is a longitudinal sectional view taken on the line 2—2 of Fig. 3, and showing the manner in which the pad is attached to the head of the device. Fig. 3 is a bottom plan view showing the socket formed in the head, said socket being adapted to receive the head formed on the pad. Fig. 4 is a detail perspective view of the pad. Fig. 5 is a transverse sectional view taken on the line 5—5 of Fig. 3 and showing the pad in position in engagement with the head.

Corresponding and like parts are referred

to in the following description and indicated in all the views of the drawings by the same reference characters.

The prevalent manner of polishing silver or scouring knives or other cutlery, especially in private families is to employ a cloth, which is first dipped in some polishing powder, the cloth being rubbed with the hand over the silverware. This results in not only soiling the hands but requires that a special cloth be used. The present invention, therefore, seeks to overcome the disadvantages in providing a suitable holder carrying a removable pad thereby making it possible to use any desired number of pads upon the holder, each of said pads being used for a particular purpose.

In carrying out my invention, I employ a holder 10 which is preferably formed of suitable sheet metal and which includes a handle portion 11 which is enlarged at one extremity to form a substantially elliptical shaped head 12. The metal forming the holder is preferably bent at its edges around a suitable metallic frame 13 which may be formed of wire of sufficient rigidity to strongly support said holder. The handle portion 11 is preferably slightly curved as shown, the head 12 being preferably longitudinally bowed reversely thereto. Formed in the handle 11 adjacent the free extremity thereof, is an aperture 14, said aperture being designed to receive a hook or other supporting means by which the holder may be suspended. The handle 11 is also provided medially thereof with a longitudinally extending rib 15, such rib being preferably upstruck from the metal forming the holder, and affording a more firm grip upon the handle.

Formed in the head 12 adjacent the edges thereof is a continuous channel 16, such channel being pressed from the head and providing upon the inner face thereof, a depending shoulder 17, inwardly spaced from the frame 13, said shoulder defining a recess or socket 18 centrally of the head upon its inner face. It is to be noted that owing to the elliptical shape of the head 12, and since the shoulder 17 is made to conform thereto, the substantially straight contiguous portions of said shoulder adjacent opposite extremities of the head each converge

toward the adjacent end of the head and that the side walls of the recess or socket 18 also converge in like manner.

Integrally formed upon the head 12 are a plurality of prongs 19, such prongs being preferably triangular in shape providing piercing points 20 at the free extremities thereof. Said prongs are preferably arranged in pairs oppositely disposed, one of said prongs 21 being struck from the head 12 medially thereof at its inner extremity and being arranged between the extremities of the shoulder 17. The free extremities of the prongs 19 carried by the head 12 forwardly of the prong 21, are bent around the frame 13 with their free extremities extending toward the center of the head and being spaced from the inner face thereof, the free extremity of the prong 21 being similarly disposed.

Detachably supported upon the head 12 by the prongs 19 and 21 is a pad 22. Such pad may be formed of felt or any other suitable material and includes a body portion 23 which is preferably substantially elliptical in shape to conform to the shape of the head 12, and is preferably provided with apertures 24 adapted to receive the piercing extremities 20 of the prongs 19 and 21.

Formed on the body portion 23 of the pad 22 or secured thereto in any suitable way is an upstanding head 25 which is of such shape as to conform to and be received within the socket 18 formed in the inner face of the head 12, the shoulder 17 bearing against the side edges of said head portion 25. Thus, the pad is firmly supported upon the head.

Attention is called to the fact that in providing an elliptical shaped pad, the side walls thereof, which are substantially straight adjacent their opposite extremities converge toward opposite ends of the pad and are so disposed as to engage against the similarly converging straight portions of the side edges of the head 12 to bear against the adjacent portions of the frame 13 as shown in Fig. 5 of the drawings. It will thus be clear that by this arrangement longitudinal movement of the pad 22 upon the head is prevented, the contiguous converging walls of the pad being adapted to wedge between the converging edges of the head, such engagement of the pad with the head acting to relieve the strain upon the prongs 19 and 21. The head 25 of the pad being also elliptical, and having its side walls, which are substantially straight adjacent the opposite extremities of the head, converging toward the ends thereof, said side walls are so disposed as to wedge between the similarly converging straight portions of the walls of the socket 18 and the shoulder 17 to thus further prevent the longitudinal movement of the pad 22 with

reference to the head 12 and consequently further relieve the strain upon the prongs 19 and 21. At the forward extremity of the head, the adjacent portion of the frame 13 provides a solid abutment for the pad to thus prevent longitudinal movement of the pad toward the forward extremity of the head and with the object of providing a similar abutment at the rear end of the head, I have arranged the prong 21 medially of the head and between the extremities of the shoulder 17 and it will be observed that said prong 21 is so disposed as to coact with the adjacent converging portions of the shoulder 17 to prevent the movement of the pad rearwardly of the head.

It will be noted that the pad 22 may be readily removed and thus, different pads may be easily positioned upon the head each of said pads being used for a particular purpose thereby adapting the device to a great variety of uses. This is an especial feature of my invention, and particular attention is called to the fact that the device may be used with equal facility as a dauber or in the capacity of a liquid applying implement.

From the foregoing description, the manner in which the device is intended to be used will be obvious. The pad carried by the holder is designed to receive the polishing powder or other element which it is desired to apply and the holder is operated by the handle 11 to rub the pad over the surface which it is desired to polish or otherwise treat with the substance carried by the pad. It will therefore be seen that I provide a very simple and efficient structure for the purpose set forth such as will efficiently accomplish the objects intended and which may be readily manufactured and put upon the market.

What is claimed as new is:—

1. A device of the character described including a holder having a head formed thereon provided with inwardly turned edges, a rib upstruck from said head in spaced relation to said edges, said rib forming a shoulder upon the inner face of the head and a pad carried by the head and engaging against said shoulder, said pad bearing at its edges against the edges of the head.

2. A device of the character described including a holder having a head formed thereon, a shoulder formed on the inner face of the head, said shoulder defining a socket and a pad carried by the head, said pad including a body portion formed with a reduced head adapted to be received in said socket and engaging against said shoulder.

3. A device of the character described including a holder having a head formed thereon, a frame supporting said holder, prongs formed on the head and bent about

the frame with their free extremities disposed to engage a pad, a prong struck from the head at the inner extremity thereof, the free extremity of said prong being disposed to coact with said first mentioned prongs, and a pad carried by the head and engaged by said prongs.

4. A device of the character described including a holder having a head formed thereon, a shoulder formed on said head and extending in spaced relation to the edges thereof, said shoulder defining a socket upon the inner face of the head, and a pad detachably connected to the head, said pad being formed with a reduced head adapted to seat within the socket formed within the head of the holder, in engagement with said shoulder.

5. A device of the character described including a holder having a head formed thereon embraced by a frame, said head having a socket formed in its inner face, a shoulder extending around said socket, and a pad connected to the head, said pad including a body portion extending laterally beneath the frame and adapted to be braced thereby and a reduced head adapted to seat in said socket in engagement with said shoulder.

6. A device of the character described including a holder having a head formed thereon, a frame supporting said holder adjacent the edges thereof and extending around the head, said head having a shoulder formed thereon extending in spaced relation to the side edges thereof and providing a socket upon the inner face of the head, and a pad detachably connected with the head and extending laterally beneath the frame and adapted to be braced thereby, said pad being provided with a reduced head arranged to seat in said socket in engagement with said shoulder.

7. A device of the character described including a holder having a head formed thereon, a shoulder formed on said head and extending in spaced relation to the edges thereof, said shoulder providing a socket upon the inner face of the head, prongs formed on the head, one of said

prongs being arranged between the extremities of said shoulder at the inner extremity of the head, and a pad carried by the head and engaged by said prongs, said pad being formed with a reduced head arranged to seat in said socket in engagement with said shoulder.

8. A device of the character described including a holder having a head formed thereon, a continuous shoulder formed on the head and extending around the head from one extremity thereof, the continuous portions of said shoulder adjacent opposite extremities of the head being substantially straight and converging toward the ends thereof, said shoulder providing a socket upon the inner face of the head, and a pad detachably secured to the head, said pad being provided with a reduced head arranged to seat in said socket and being formed with substantially straight side walls adjacent opposite extremities thereof, said walls converging toward opposite extremities of the pad, the converging walls of the pad being arranged to engage between the converging walls of the head of the holder.

9. A device of the character described including a holder formed with a head provided with a socket in its inner face, the side walls of said socket being substantially straight adjacent the opposite extremities thereof and converging toward the ends of the socket, and a pad carried by the head, said pad being provided with a reduced head having substantially straight side walls adjacent opposite extremities thereof, said side walls converging toward opposite ends of the head, said head being arranged to seat in said socket with the converging straight portions of the walls thereof in engagement with the converging straight portions of the walls of the socket.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN HELSTROM. [L. s.]

Witnesses:

GEO. UFER,
JOHN CARTON.