

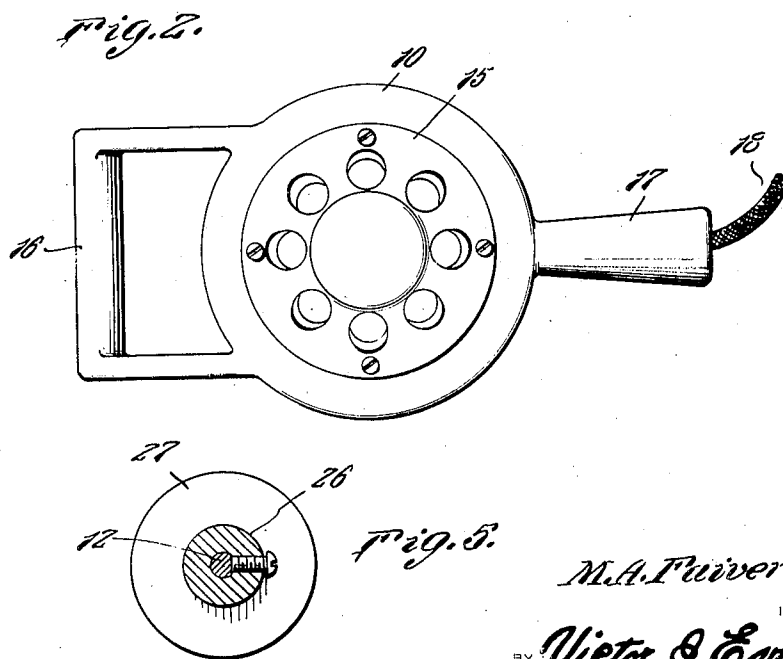
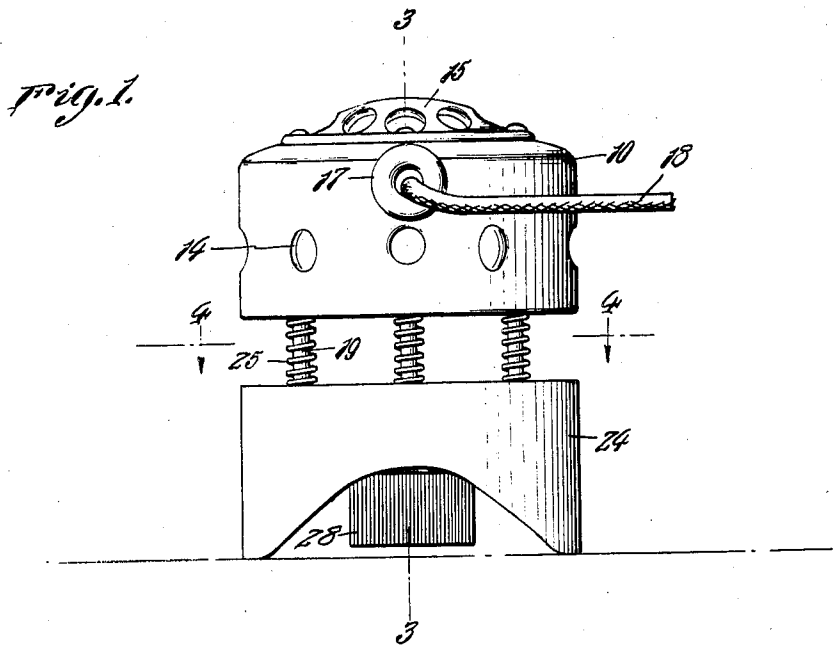
Sept. 27, 1927.

1,643,882

M. A. FAIVER
MEAT BLOCK CLEANER

Filed Oct. 9, 1926

2 Sheets-Sheet 1



WITNESS:

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Fig. 3.

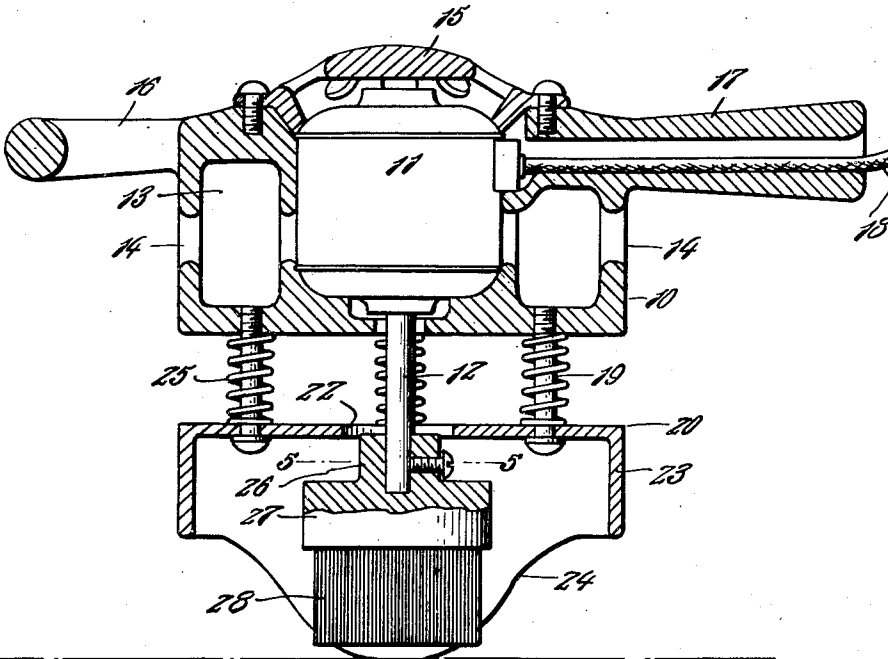


Fig. 4.

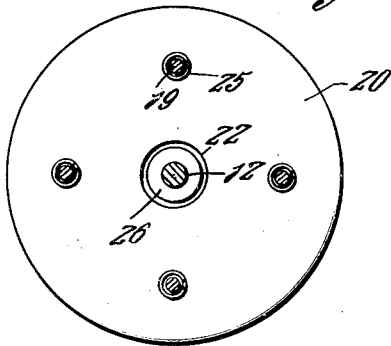


Fig. 6.

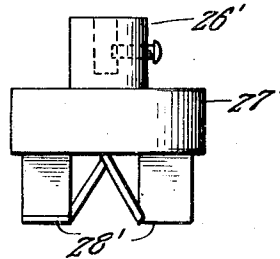
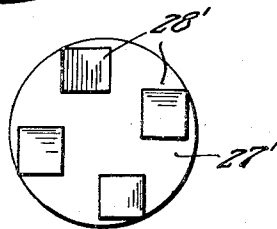


Fig. 7.



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UNITED STATES PATENT OFFICE.

MARSHALL A. FAIVER, OF GIRARD, OHIO.

MEAT-BLOCK CLEANER.

Application filed October 9, 1926. Serial No. 140,594.

This invention relates to cleaning devices primarily adapted for use upon and in conjunction with meat blocks, and which constitutes a resilient support or seat in order that an uneven block may be evenly scraped and cleaned.

Another object of the invention resides in the provision of guide members arranged upon the resilient support to permit the scraping means to engage high and low spots upon the meat block.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawing and pointed out in the appended claim.

In the drawing:

Figure 1 is an elevation of the invention;

Figure 2 is a top plan view thereof;

Figure 3 is a vertical section taken on the line 3—3 of Figure 1;

Figure 4 is a transverse section taken on the line 4—4 of Figure 1;

Figure 5 is a transverse section taken on the line 5—5 of Figure 3 and illustrating the detachable engagement of the scraping means with the device;

Figure 6 is an elevation of a modified form of scraping member, and

Figure 7 is a bottom plan view thereof.

Referring to the drawings in detail, wherein like characters of reference denote corresponding parts, the reference character 10 indicates a housing, preferably constructed of non-corrosive and rust proof material, such as aluminum and the like and which includes a relatively large pocket within its upper portion, within which an electric motor 11 is seated and having its armature shaft 12 extending downwardly therethrough in the manner as illustrated in Figure 3 of the drawings. The housing further provides an air jacket or continuous compartment or pocket 13, encircling the pocket within which the motor 11 is supported and communicating with vent openings 14 arranged at appropriate distances circumferentially thereof, in order that a cooling chamber is provided for the motor so supported. A concavo-convex closure plate 15 being provided upon the upper portion of the housing 10 immediately above the pocket within which the motor is positioned to prevent accidental displacement

and retrograde movement of the latter therein.

Carried upon diametrically opposite sides of the housing are handles 16 and 17 respectively; the latter having a conducting wire 18 extending longitudinally therethrough and in turn connected with the motor 11 in order that a source of electrical energy may be conducted to the motor. The above structural details constitute an air cooled compartment and support for an electric motor.

Depending from the underside of the housing 10 are bolts 19 which in turn also extend through a circular plate or disk 20 which being supported in slight spaced relation with respect to the underside of the housing and including relatively large central apertures 22, the purpose of which will be presently apparent. A downwardly extending integrally formed annular flange 23 being provided upon the margin of the disk 20 and which in turn has integrally formed therewith downwardly extending correspondingly disposed guide legs or arms 24 adapted for engagement with the upper side or surface of a meat block (not shown). Compression springs 25 encircling the bolts 19 and having their opposite end convolutions abutting the underside of the housing 10 and upper side of the disk 20 insure the proper spaced relation therebetween in order that the said disk may be resiliently supported and the armature shaft 12 extending through the opening 22 provided centrally thereof, affording flexibility as to the universal movement of the housing independently of the disk 20 and guide legs 24 extending therefrom.

The lower end of the armature shaft 12 being of sufficient length to extend an appropriate distance through and beyond the central aperture 22 of the disk 20, in order that the latter may be detachably secured within a socket portion 26 provided upon the upper side of a brush head 27 which in this instance is to include wire bristles 28.

In Figures 6 and 7 of the drawings, I have illustrated a modified form of brush head 27' which also provides a socket portion 26' upon its upper side, but which provides upon its underside in substitution for the wire bristles 28 of the brush head 27, diagonally disposed cutter plates 28'.

In the use and operation of the present

invention, it is manifest that an operator upon grasping the respective handles 16 and 17 respectively, formed upon diametrically opposite sides of the housing 10 may position and move the device across the surface of a meat block or other surface to be scraped and cleaned and the guide legs 24, owing to the peculiar and novel construction thereof, will ride upon the surface of the meat block in the high and low spots formed thereon and hence allow an even brushing and scraping action of the bristles 28 or plates 28', with the surface of the meat block, owing to the flexibility afforded to the disk 20. Further and greater depressions or high and low spots may not be formed incident to the scraping and cleaning the block in the use and operation of the above entitled invention.

Obviously the cutter members 28' of the brush head 27' may be utilized for trimming of the high spots of the meat block and have bristles 28 of the brush head 27 for cleaning off the same.

The invention is susceptible of various

changes in its form, proportions and minor details of construction, and the right is herein reserved to make such changes as properly fall within the scope of the appended claim.

Having thus described my invention, what I claim is:

A scraping device comprising a housing supporting a motor therein, a support having a central opening adapted to receive the motor armature shaft, bolts carried by the housing, slidably mounting the support, compression springs encircling the bolts between the housing and support to normally space the same apart, a brush head provided with a socket portion adapted to receive said shaft, said support including a downwardly directed flange portion having guide legs depending from diametrically opposed sides thereof to contact with and thereby guide the brush head over the surface being scraped.

In testimony whereof I affix my signature.

MARSHALL A. FAIVER.