July 6, 1926. 1,591,143

W. H. ROBBINS

STEEL WOOL

Filed Feb. 18, 1926

Fig. 1.

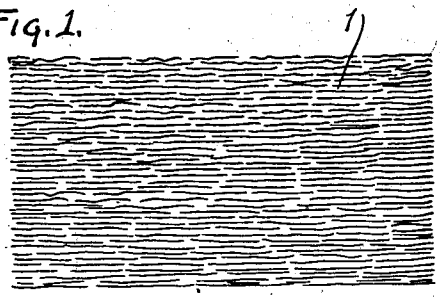


Fig. 2.

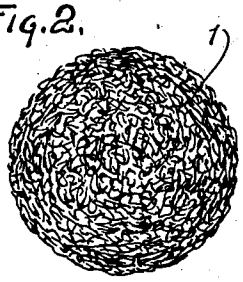


Fig. 3.

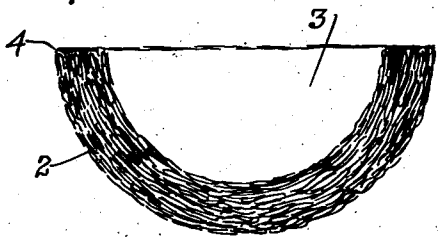


Fig. 4.

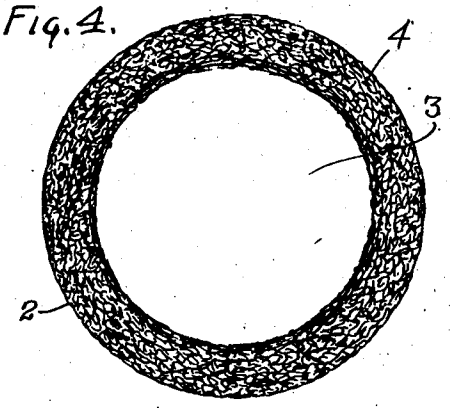


Fig. 5.

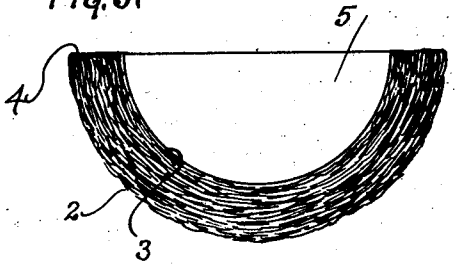
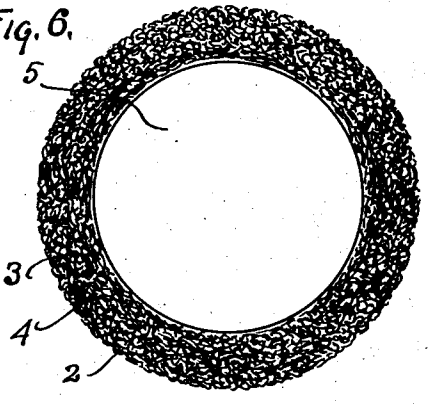


Fig. 6.



Inventor

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Patented July 6, 1926. 1,591,143

UNITED STATES PATENT OFFICE.

WILLIAM H. ROBBINS, OF SPRINGFIELD, OHIO, ASSIGNOR TO THE WILLIAMS COMPANY, OF LONDON, OHIO, A CORPORATION OF OHIO.

STEEL WOOL.

Application filed February 18, 1926. Serial No. 89,243.

My invention relates to steel wool and in particular to cleaning articles made of steel wool.

It is the object of my invention to provide a steel wool pad which can be simply manufactured and economically shipped in nested condition, which will be adapted to take a common piece of cleaning material such as soap which can be readily detached from or placed on the steel wool cleaning pad, so that the same piece of soap can be used in a plurality of pads.

It is a further object to provide a pad in such form that it can be easily grasped by the hand of the operator without injuring the fingers of the operator.

It is an additional object to so form the pad that the operator's hand can grasp the pad well, holding the soap or other similar article in position.

It is a further object to provide a combination between the soap and pad in that the form of the respective soap and pad will be such that the soap will maintain the general configuration of the pad as it is originally formed.

Referring to the drawings:

Figure 1 is a side elevation of the circular pad of steel wool loosely bound together as it is assembled from the steel wool machine;

Figure 2 is a plan view of Figure 1 on a reduced scale;

Figure 3 is a section through the pad as it is formed in its final form in compressed condition;

Figure 4 is a plan view thereof;

Figure 5 is a section through the pad and through the removable soap article within the pad;

Figure 6 is a plan view thereof.

Referring to the drawings, 1 designates a loose pile or group of steel wool. 2 designates a semi-circular cup-shaped wool pad provided with an interior receiving cup portion 3. It will be noted that this pad can be grasped by the hands of the operator around the upper margin as at 4, the palm of the operator's hand enclosing the cup-shaped opening 3. Within this cup-shaped opening 3 is located a semi-circular soap member 5 which is detachable from the pad 2 as desired. The porous nature of the pad 2 permits the access of fluids therethrough to the soap and the return of soap suds through the pad.

It will be understood that I do not desire to confine myself exclusively to this particular configuration of pad or soap, as it is possible to provide other forms of pads which are adapted to contain other forms of soaps or cleaning materials.

The features of my invention are the use of a containing pad of wool having a cleaning material, such as soap, of similar configuration placed therein, the pad being so arranged that it is easy to grasp, and preferably being so arranged that grasping the pad with the hand will maintain the soap in position.

It will be further understood that different types of cleaning material may be employed, but that I prefer the soap.

It will be understood that I desire to comprehend within my invention such modifications as may be necessary to adapt it to varying conditions and uses.

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

1. In combination, a porous cup-shaped, semi-spherical abrasive member and a semi-spherical soap cake seated therein.

2. In combination, a semi-spherical steel wool pad having a hollow interior and a semi-spherical soap cake mounted therein.

In testimony whereof, I affix my signature.

WILLIAM H. ROBBINS.