

G. E. SCHMIDMER.
CULINARY SCRAPER AND SCOOPER.
APPLICATION FILED AUG. 31, 1909.

976,606.

Patented Nov. 22, 1910.

Fig. 3.



Fig. 1.

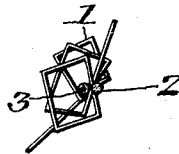
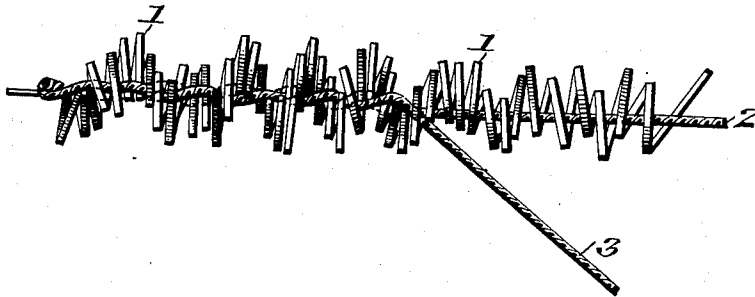


Fig. 2.

WITNESSES

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UNITED STATES PATENT OFFICE.

GEORG E. SCHMIDMER, OF NUREMBERG, GERMANY.

CULINARY SCRAPER AND SCOURER.

976,606.

Specification of Letters Patent.

Patented Nov. 22, 1910.

Application filed August 31, 1909. Serial No. 515,476.

To all whom it may concern:

Be it known that I, GEORG E. SCHMIDMER, a subject of the King of Bavaria, residing at Nuremberg, Germany, have invented a Culinary Scraper and Scourer, of which the following is a specification.

This invention relates to a utensil for scouring and cleansing purposes the said utensil being so arranged and constructed as to effectively cleanse articles such as dishes, metal-ware and the like, regardless of their shape or contour.

In a device of this character, as heretofore constructed, flat metal strips have been utilized for the purpose, but owing to the fact that they become entangled and form a tangled, unstable mass, they are, therefore, unsuitable for efficient cleaning purposes and the flat strips having projections or elevations thereon become worn and do not operate to properly cleanse the articles.

In my present invention I have overcome such defects and inconveniences by my novel process of forming the metal strips and securing the same together in a manner which at all times maintains edges and corners projecting from all sides, whereby the same operates in the most efficacious manner possible for scouring purposes.

It further consists of other novel features of construction, all as will be hereinafter fully set forth.

For the purpose of illustrating my invention, I have shown in the accompanying drawings one form thereof which is at present preferred by me, since the same has been found in practice to give satisfactory and reliable results, although it is to be understood that the various elements of which my invention consists can be variously arranged and organized and that my invention is not limited to the precise arrangement and organization of these elements as herein shown and described.

Figure 1 represents a scouring utensil embodying my invention, the same being shown partially completed. Fig. 2 represents a section through the same. Fig. 3 represents

a section showing another embodiment thereof.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings:—1 designates a strip of metal wire, preferably flat and formed into a substantial spiral by means of wrapping the same about a mandrel or the like of angular or round shape, according to the configuration which it is desired to produce in the completed spiral, after which operation the mandrel is removed, leaving the metal wire bent as desired to form a spiral, each turn of which is shaped according to the form of the mandrel. Thus in Fig. 2 the turns of the spiral are illustrated as formed about a rectangular mandrel while in Fig. 3 a modification is shown in which the coil has been formed upon a round mandrel. The spiral metal wire is then ready to receive a cord, string or the like 2 which is passed through the center of the spiral and this cord is preferably of such a length as to provide an end 3, which may be doubled back upon itself and intertwined with the spiral wire 1 and with a portion of the cord 2. The device so formed provides edges and corners on the metal strip projecting in all directions to secure the full scouring effect and in use may be formed in a ball or the like, which may be readily worked to and into corners and crevices of the articles in order to thoroughly cleanse the same. After a cleansing operation the device may be straightened out again in order to permit a thorough drying and cleaning of the same, ready for future use.

It will now be apparent that I have devised a novel and useful construction which embodies the features of advantage enumerated as desirable in the above description, and while I have in the present instance shown and described a preferred embodiment thereof which has been found in practice to give satisfactory and reliable results, it is to be understood that the same is susceptible of modification in various particulars without departing from the spirit or

scope of the invention or sacrificing any of its advantages.

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

As a new article of manufacture, a flexible scraper consisting of a spirally wound metal strip, a cord passing through said strip and forming substantially the axis of said strip,

said cord having an end projecting exterior of said strip and doubled back and inter-twisted with said metal strip and with the axis portion of said cord.

GEORG E. SCHMIDMER.

Witnesses:

OSCAR BOCK,
THEODOR BEEKH.