

(No Model.)

W. H. MESICK.
SINK AND RACK.

No. 477,137.

Patented June 14, 1892.

Fig 1

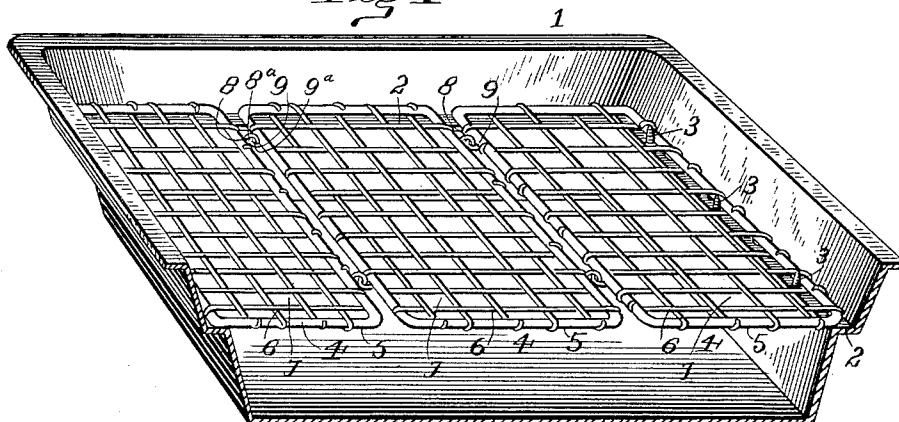


Fig 2

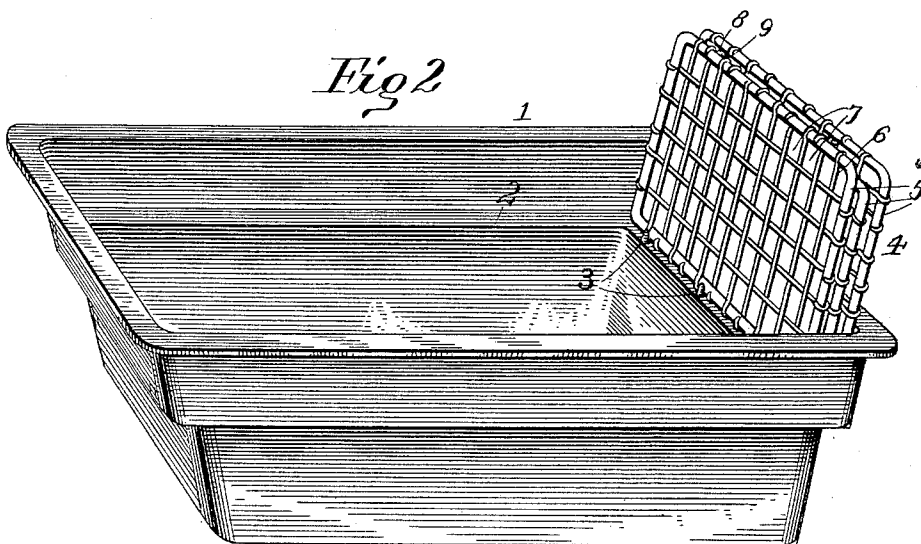
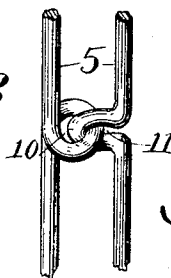


Fig 3



Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIAM H. MESICK, OF LONG ISLAND CITY, NEW YORK.

SINK AND RACK.

SPECIFICATION forming part of Letters Patent No. 477,137, dated June 14, 1892.

Application filed July 18, 1891. Serial No. 399,963. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. MESICK, a citizen of the United States, residing at Long Island City, in the county of Queens and State of New York, have invented certain new and useful Improvements in Sinks and Racks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention consists in a new and improved sink and folding rack, which will be hereinafter fully described and claimed.

Referring to the accompanying drawings, Figure 1 is a perspective view, partly in section, of my new and improved sink, showing the rack arranged within the same ready for use. Fig. 2 is a perspective view showing the rack folded up and raised and held by the supporting-pins at one end of the sink. Fig. 3 illustrates in detail the hinges formed integrally with the approximal sides of the rack.

Referring to the several parts by their designating-numerals, 1 indicates the body of my new and improved sink, which is formed at a suitable distance below its upper edge with the supporting-shoulder 2, which may be extended either entirely around it, as shown in the drawings, or only along each side.

The walls of the sink diverge or slant outward slightly as they extend up, so that the supporting-rack can be readily placed upon the supporting-ledge 2 and when necessary can be as readily removed from the same. The supporting-ledge 2 is provided at one end of the sink with the retaining-pins 3, which are preferably cast integrally with the ledge, but which may be formed separately and attached thereto, if desired. These pins 3, as better illustrated in Fig. 2 of the drawings, are placed such a distance from the end wall of the sink that a space will be afforded between said pins and wall to receive the rack or trap when the sections thereof are folded upon each other. A vertical retaining-rib may be formed along the ledge instead of the pins 3, if preferred. The object of these retaining-pins will be hereinafter fully described.

My new and improved metal supporting-rack, which is designed to fit and be supported upon the shoulder 2, is formed in a number of transverse sections 4, preferably three, as shown in the drawings. Each of said sections is formed of an outer frame-rod 5, which is bent into the rectangular form shown, and to this frame-rod are secured the ends of the frame-wires 6, which are woven in and out between each other, so as to leave between them the meshes or openings 7, usually about one inch square. These sections are of such length that their ends will rest upon the side shoulder 2 when they are hinged together by hinges consisting each of two stout wires 8 and 9, one of which is twisted at its center to form the eye 8^a, while the other is turned to form the eye 9^a, which engages with the eye 8^a, and the straight ends of these two hinged wires are secured to the side rods of the several sections 4. An effective and cheaper hinge may be formed integrally with the frame-wire, as shown in detail in Fig. 3. An eye 10 is formed by bending the frame-rod at the point desired, while another eye or loop 11 is formed at an opposite point in the frame-rod of the contiguous section of the rack, said eyes being arranged so that their plane will be at right angles to each other, thus enabling a perfectly-free engagement thereof.

It will be seen that both forms of hinge will enable the sections to be folded over one upon the other when not in use, so as to leave the sink partly clear, and when desired the sections can all be folded together and raised back against the inclined upper end of the sink back of the retaining-pins 3, as shown in Fig. 2. The shoulder 2 supports the raised and folded rack, while the pins 3 hold it and prevent its sliding from the said shoulder.

My new and improved folding rack, being made of wire with the large meshes, as shown, secures the minimum of metal, and therefore presents the minimum of surface for the deposit of grease and dirt from the waste water of the kitchen. It is of great utility in washing vegetables, for when the vegetables are placed on the open-work wire under a faucet and the water is allowed to flow the dirt is carried down through the rack, and the vege-

tables are thus rapidly and thoroughly cleaned, while by the usual method of washing vegetables two or three waters are required to clean them properly, besides the trouble of cleaning and drying the vessel used.

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

1. The rack or trap described, comprising a series of open-work sections flexibly connected together in such manner that they may be folded flat upon each other, in combination with the sink having the supporting-ledge and the pins 3, rising from said ledge at such a distance from the end wall of the sink that a space will be afforded between said pins and wall to receive the rack or trap when the sec-

tions thereof are folded upon each other, substantially as specified.

2. In a sectional rack or trap, substantially as and for the purpose described, the combination of two sections respectively comprising the outer frame-rods 5, and wires connected to the frame-rods and woven to form meshes, and loops or eyes formed on the contiguous frame-rods of the sections and inter-looped, substantially as and for the purpose set forth.

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

WILLIAM H. MESICK.

Witnesses:

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