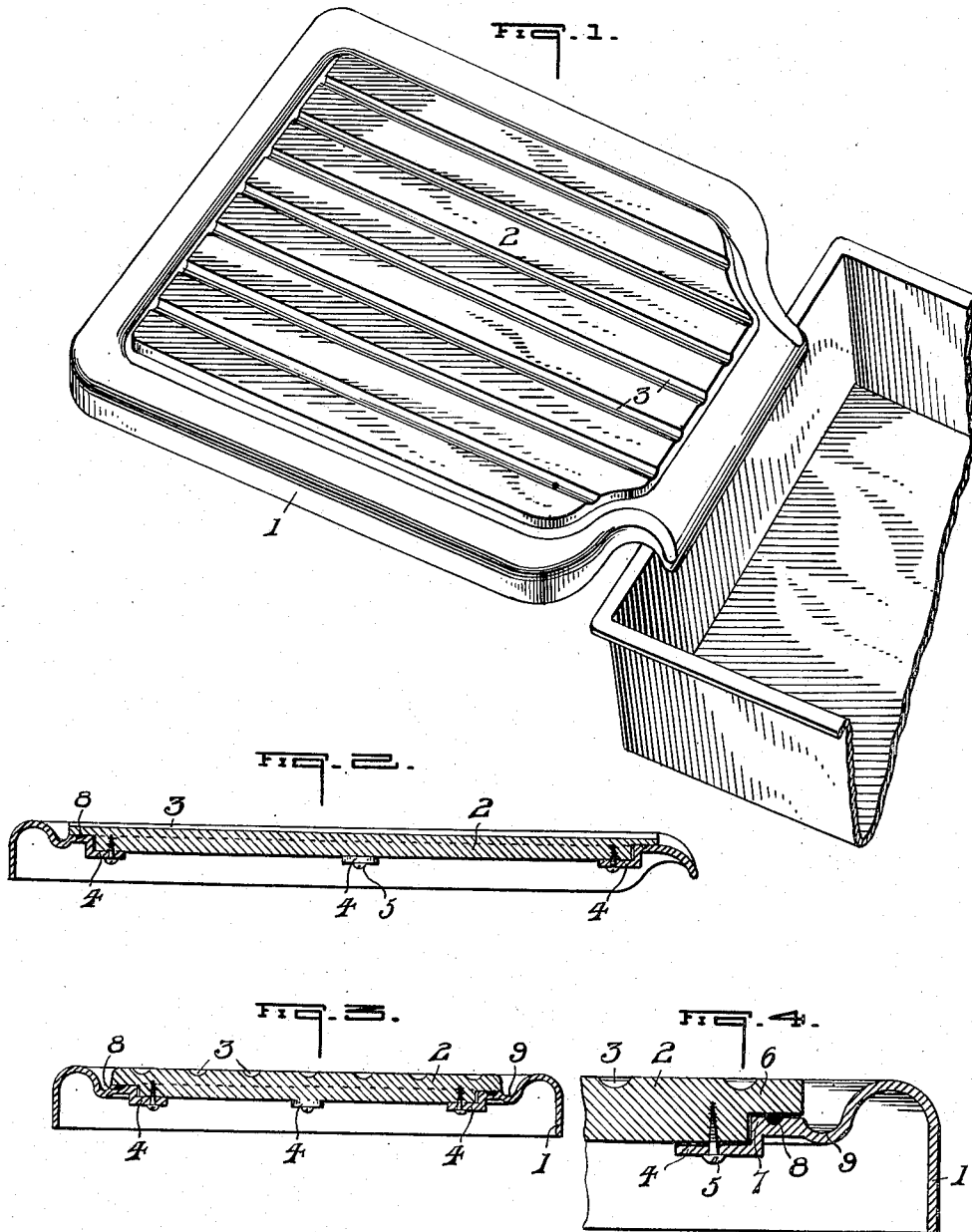


W. S. JOHNSON.
DRAIN BOARD.
APPLICATION FILED OCT. 8, 1908.

933,180.

Patented Sept. 7, 1909.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILSON S. JOHNSON, OF PITTSBURG, PENNSYLVANIA.

DRAIN-BOARD.

933,180.

Specification of Letters Patent.

Patented Sept. 7, 1909.

Application filed October 8, 1908. Serial No. 456,715.

To all whom it may concern:

Be it known that I, WILSON S. JOHNSON, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Drain-Boards, of which the following is a specification.

My invention pertains to certain new and useful improvements in drain boards, the same being designed principally for service in combination with sinks; which form a well known service in kitchen equipments.

While the form of board as shown is intended as an adjunct to the ordinary sink, the same may be used as an independent article for various purposes where it is necessary to carry off the water or other liquid that drips from the articles placed on the board.

The fundamental idea involved in the construction of my improved drain board is the provision of a removable center piece that is made of a different material than the supporting frame work, and which is intended as a means for minimizing the breakage of the articles, such as dishes, etc., placed thereon; also as a part that can be readily removed from its seat in case of wear or damage, and the same replaced by another similar part, without having to go to the necessity of replacing with a complete new drain board. The frame work of the board can be fixed, and the central portion thereof removable.

In the accompanying drawing Figure 1 is a perspective view of my improved board as attached to a sink. Fig. 2 is a longitudinal section of the board, Fig. 3 a cross section, and Fig. 4 an enlarged view in cross section of one side.

Throughout the drawing the numeral 1 designates the supporting rim or frame work of my improved board which is preferably constructed of metal, and may be of any desired size or configuration and conforming to the style of sink to which it is attached.

The central portion of the frame is open and adapted to receive the other member forming the complete board. This central member 2 may be of any desired material other than metal, such for instance a yielding material such as wood, rubber, fiber, etc., and said member is provided throughout its length with a plurality of preferably parallel longitudinal grooves 3, which grooves re-

ceive and carry off the drip from the articles placed thereon. No novelty however is claimed for this latter described construction, it being old to the art.

As a means for securing the removable central portion of the board I provide a plurality of ears or lugs 4 formed around the inner edge of the frame 1, screws, or other suitable fastening means 5, passing through said lugs and entering the board 2, or as a substitute for the lugs aforementioned a ledge may be provided around the entire inner edge of the frame 1. The outer edge of said board 2, on all four sides, is cut under, forming an over-hanging flange portion 6, and the right angled recess thus formed engages against a ledge 7 formed on the inner edge of the frame 1. The upper surface of this ledge is provided with a groove 8 which preferably extends around the entire frame work, and is adapted to receive a fluid excluding material, such as rubber, putty, etc., the same forming a seal against any moisture seeping through between the frame and portion 2. Formed adjacent to said ledge 7, between the outer roll of the frame and portion 2, is a gutter 9, which is intended as a means to carry off any fluid that might overflow from the board 2.

As there are various modifications that may be made in the detail form of constructing the means for fastening the central portion of the board to the frame, I do not limit myself to the exact form shown as alterations can be made without departing from the original spirit of the invention.

It will be noted that the gutter 9 is formed by the coacting of the drain member 2, and the rim of the frame 1 which extends wholly around the frame with the exception of the front or waste delivering portion which is in spout form, as is plainly shown in Fig. 1 of the drawings.

I am aware that the broad idea of a drain board is old to the art, and I do not claim any novelty in this respect, but what I do claim is the novelty and advantage of forming the central portion of the board of a material different from the supporting frame.

In a drain board constructed entirely of metal it is necessary to place mats or other cushioning means on the board in order to guard against breakage of the dishes or other articles placed thereon. In my invention I intend forming the central part of

the board of a material other than metal, which will not only be an appreciated advantage, but will cheapen the cost of manufacture over those constructed entirely of metal and requiring enameling.

What I claim as new and desire to secure by Letters Patent is:

1. A drain board comprising a central drain-member of yielding material and a metallic frame surrounding said member, said frame and drain-member forming a groove wholly surrounding the said drain-member, except at its discharge end.

2. A drain board comprising a central drain-member, suitably grooved and a metallic frame surrounding said drain-member and having inwardly extended lugs to which said drain-member is secured, said frame

having a rim forming a groove with the drain-member.

3. A drain board comprising a central drain-member of yielding material, and a one piece metallic frame surrounding said drain-member, said frame having inwardly extending lugs to which said drain-member is secured, said drain-member and frame being provided with co-engaging ledges provided with a water tight seal, the ledges of said drain-member being undercut.

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

WILSON S. JOHNSON.

Witnesses:

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J. P. APPLEMAN.