

916,283.

Patented Mar. 23, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

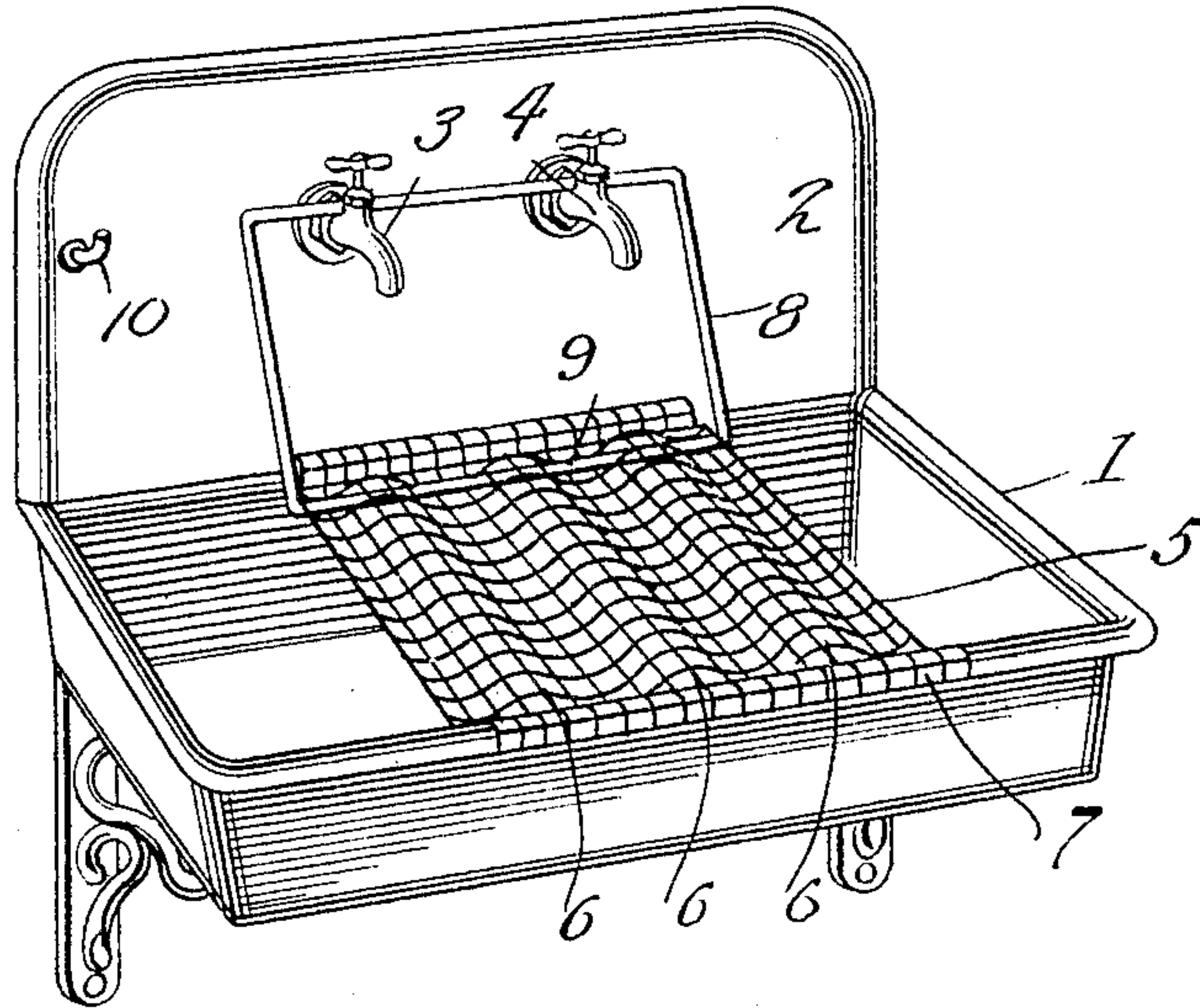
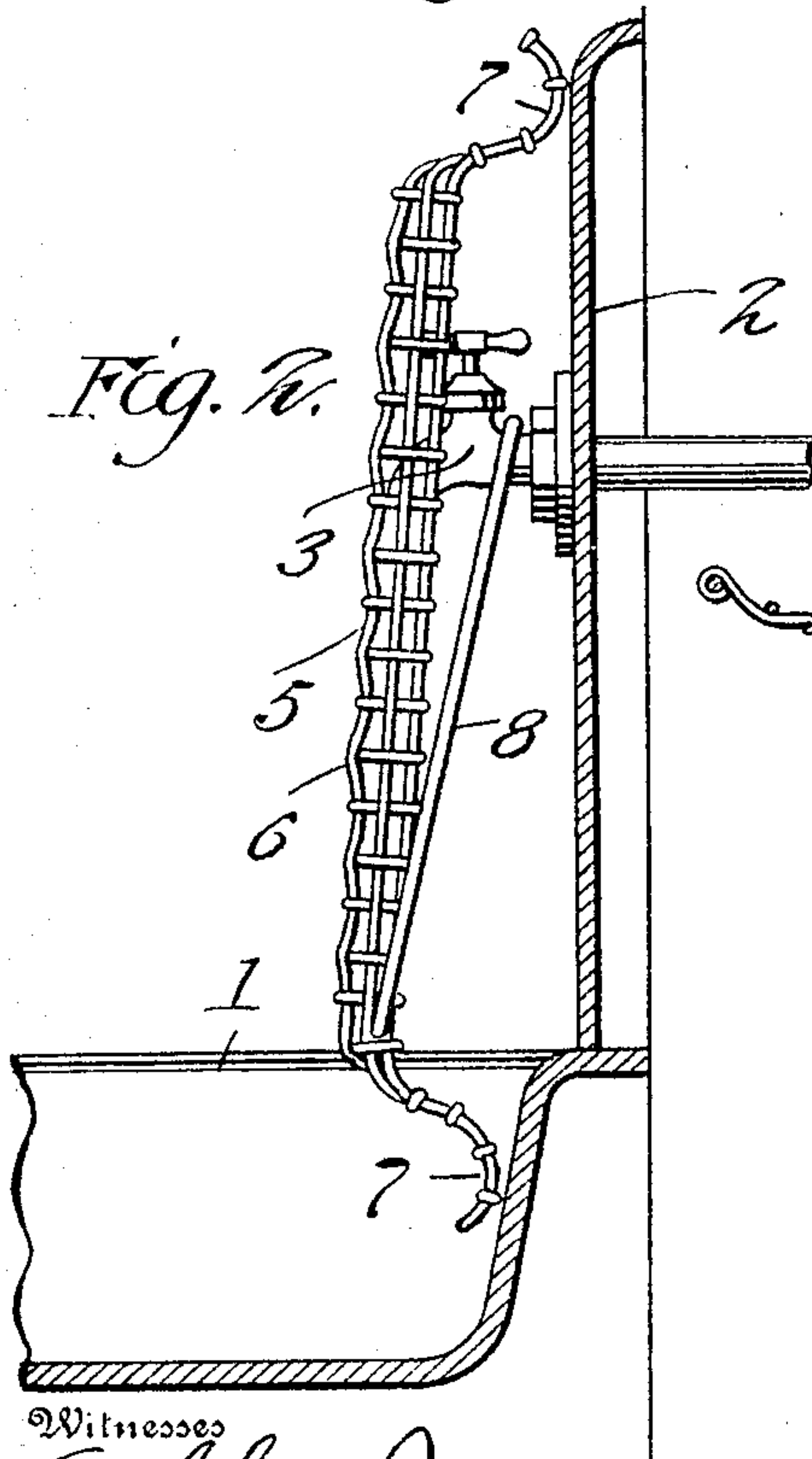


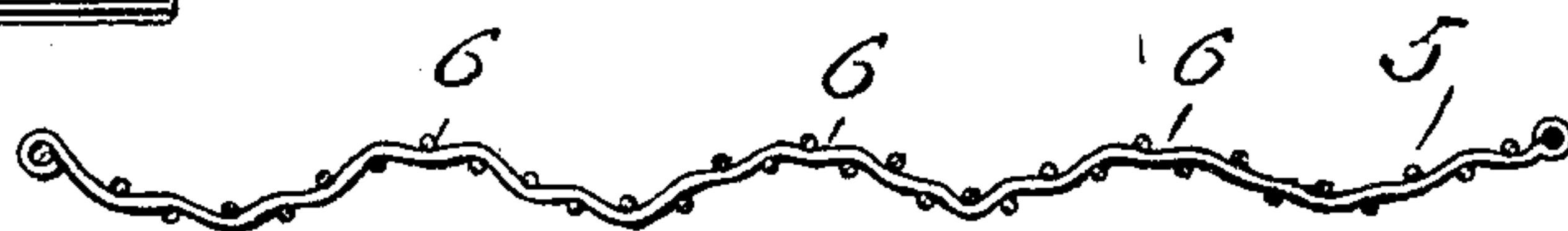
Fig. 2.



Witnesses

Geo. Hickman Jr.  
Wm. Bagger.

Fig. 6.



Inventor

S. Spencer Eccleston

By Victor J. Evans

Attorney

916,283.

Patented Mar. 23, 1909.

2 SHEETS—SHEET 2.

Fig. 4.

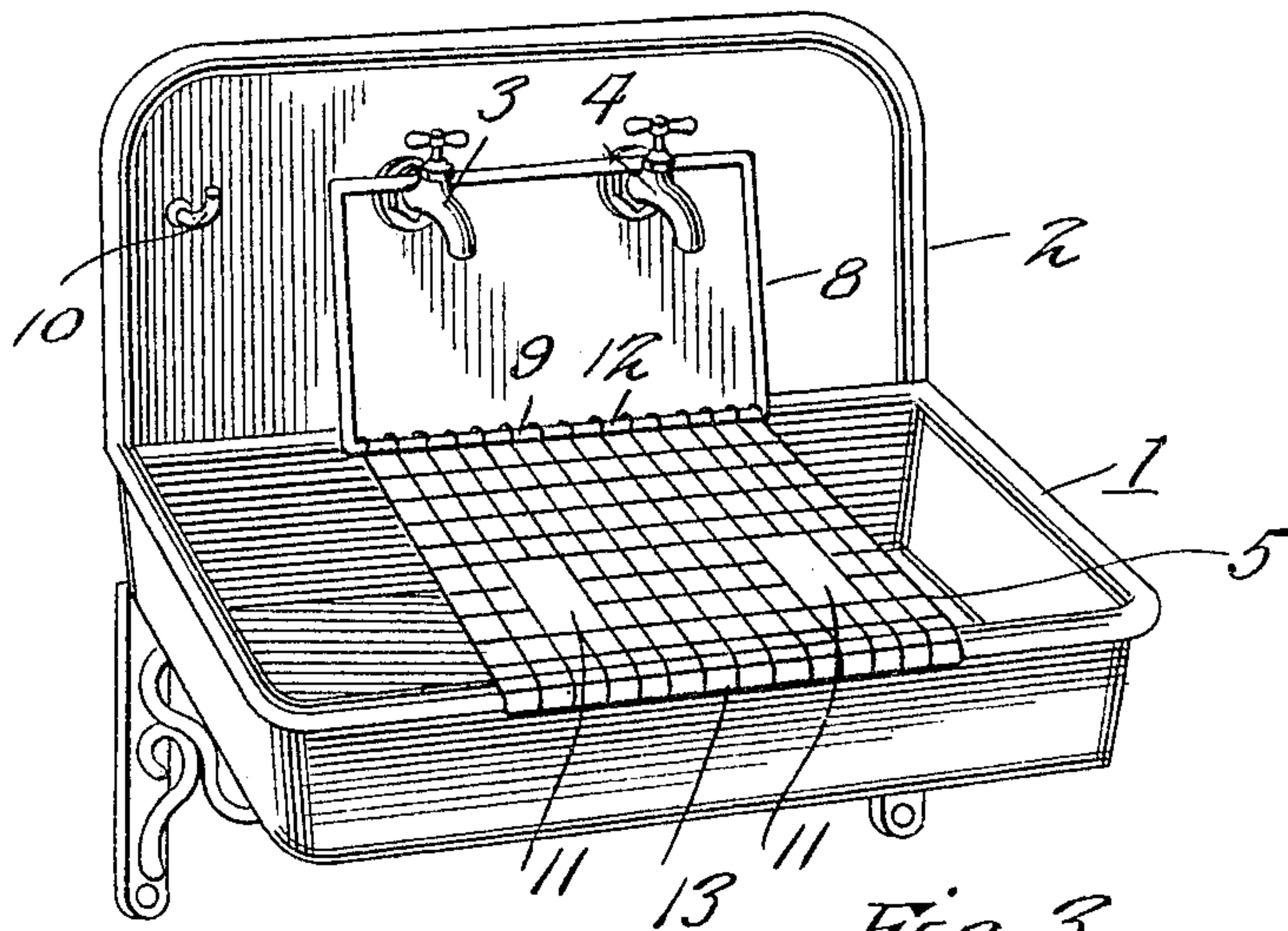


Fig. 3.

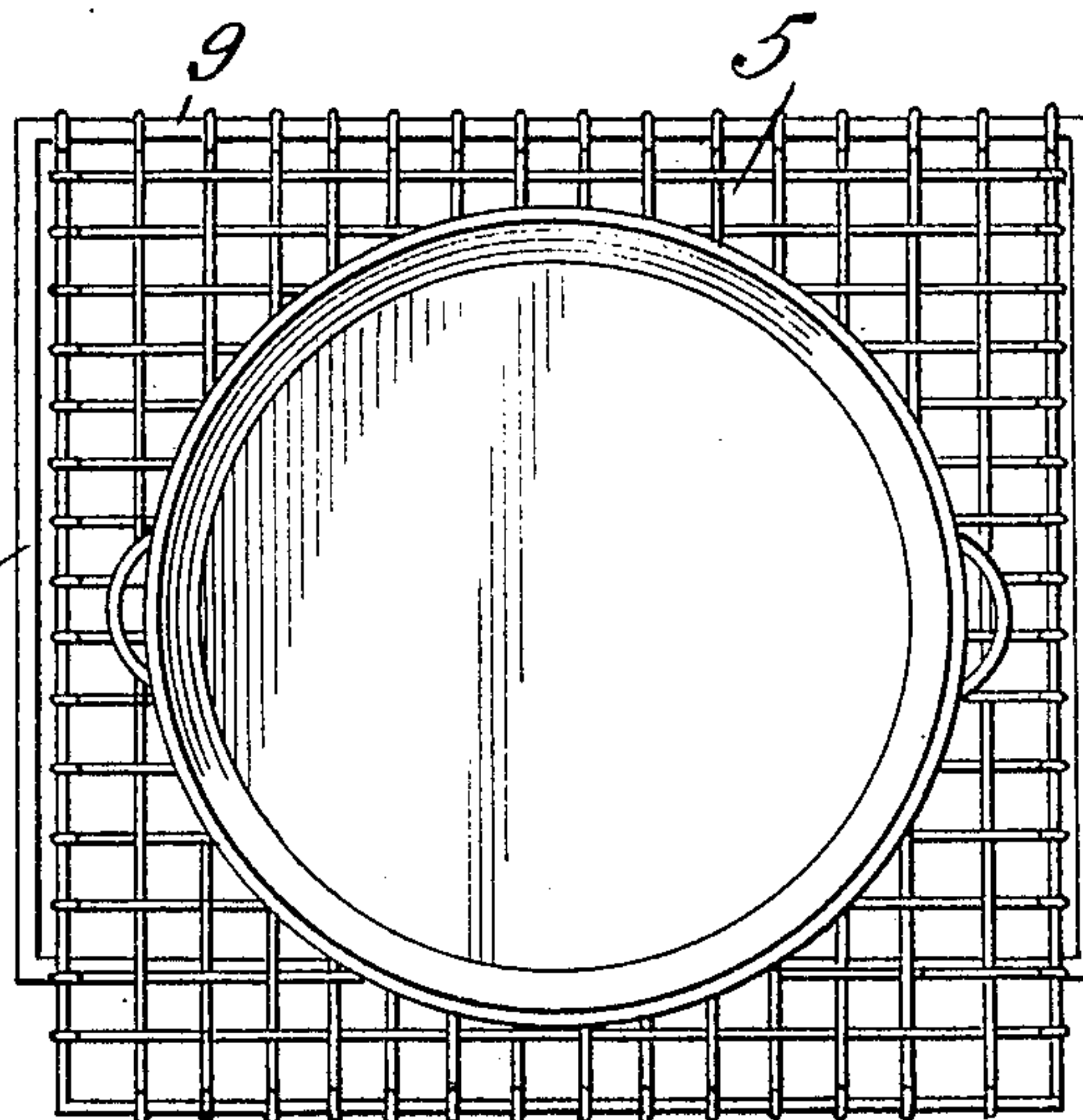
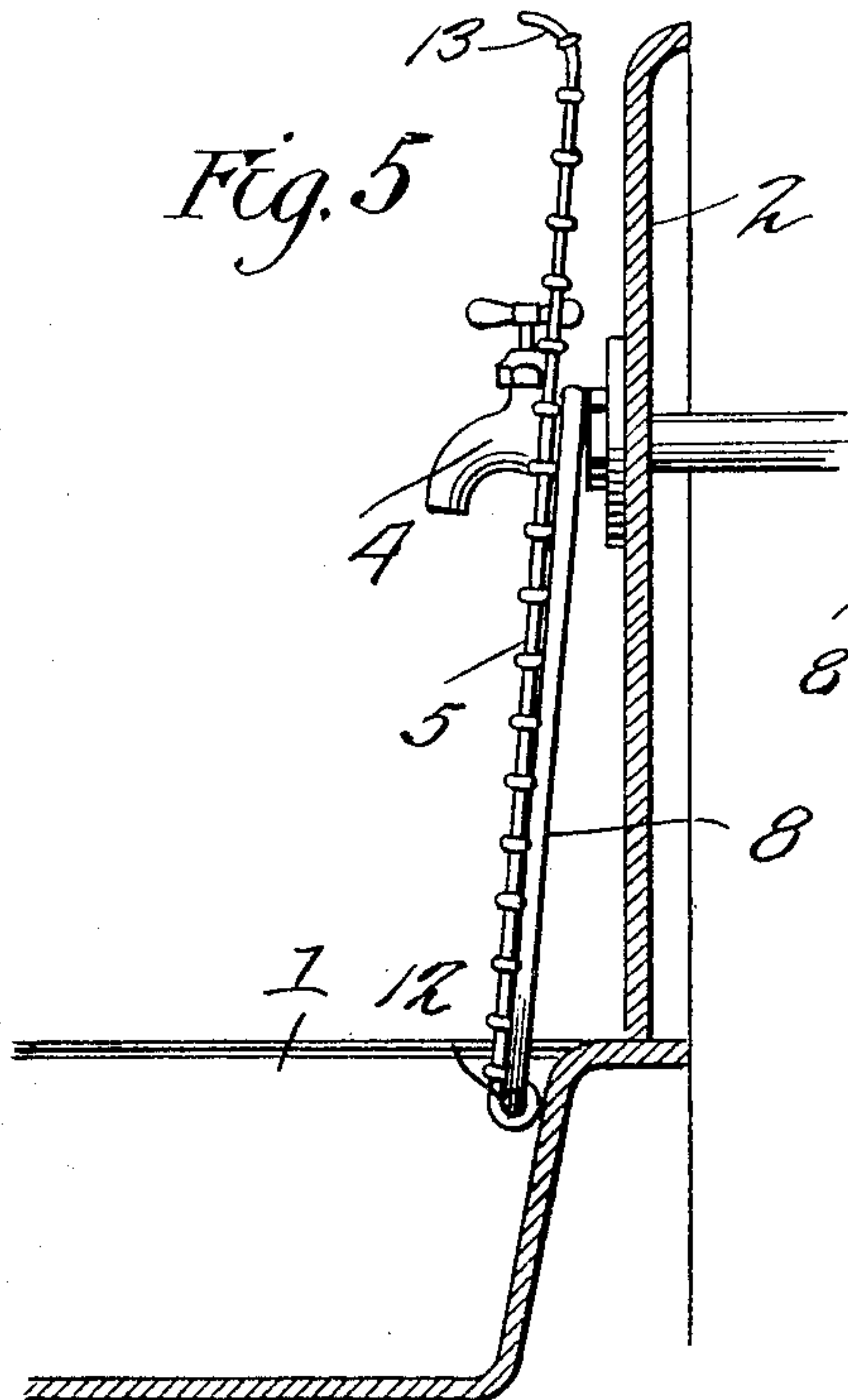


Fig. 5.



Witnesses

*F. Ackmayer*  
*Wm. Bagger*

Inventor

*S. Spencer Eccleston*

By

*Victor J. Evans*

Attorney



SINK STAND OR SHELF.

No. 916,283.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed November 19, 1907. Serial No. 402,931.

*To all whom it may concern:*

Be it known that I, S SPENCER ECCLESTON, a citizen of the United States of America, residing at Syracuse, in the county of Onondaga and State of New York, have invented new and useful Improvements in Sink Stands or Shelves, of which the following is a specification.

This invention relates to adjustable shelves or supporting devices adapted to be used in connection with sinks for the purpose of supporting dishes that have been washed, while draining and for other purposes that may suggest themselves in this connection; a further object of the invention being to provide a supporting device of this character which may be readily detached and applied for a variety of other uses, some of which will be hereinafter described and enumerated.

With these and other ends in view which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts which will be hereinafter fully described and particularly pointed out in the claims.

In the accompanying drawings has been illustrated a simple and preferred form of the invention, it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the invention may be resorted to when desired.

In the drawings,—Figure 1 is a perspective view showing a sink having the invention applied thereto in position for operation. Fig. 2 is a vertical sectional view taken through the back wall of the sink and showing the shelf or supporting device raised to the position occupied while it is not in active use. Fig. 3 is a perspective view showing the shelf or supporting device detached and inverted and utilized as a support for a baking pan. Fig. 4 is a perspective view showing a sink equipped with a modified form of the improved shelf or supporting device. Fig. 5 is a vertical sectional view, showing the supporting device illustrated in Fig. 4 folded against the back wall of the sink. Fig. 6 is a transverse sectional view of the shelf shown in Figs. 1 and 2.

Corresponding parts in the several figures are denoted by like characters of reference.

The improved shelf or supporting device is

especially constructed and adapted to be used in connection with a sink which may be of any suitable construction, as shown at 1 in the drawings, said sink being preferably provided with a back wall 2; which latter, however, is non-essential. In the figures of the drawing the hot and cold water hydrants 3, 4 have been shown extending through the back wall; but it is obvious that said hydrants may project or extend directly from the supply pipes above the rear edge of the sink.

The shelf or supporting device which constitutes the present invention is composed of a sheet 5 of woven wire netting, said sheet being preferably provided with longitudinal corrugations, as shown at 6, 6, for the purpose of stiffening the same and increasing its strength, rigidity and supporting capacity. The front and rear edges of the sheet constituting the shelf are provided with downturned corrugated flanges 7, formed at approximately right angles to the corrugations 6 and serving to still further increase the stiffness and supporting capacity of the shelf. The latter is provided with a supporting loop or bail 8, preferably formed of wire and having terminal arms 9 which are inserted through the meshes of the sheet with which the supporting bail is in this manner pivotally or hingedly connected. This bail is made of suitable dimensions to engage and be supported upon the hydrants 3, 4; the side members of said loop or bail being of such length that when the sheet or shelf is lowered, the outer or free edge may be supported upon the front edge of the sink, while the rear or inner edge of the shelf will be supported by the loop or bail in such a manner that the shelf will be retained in an approximately horizontal position. When thus supported, the shelf may be advantageously used for a variety of purposes; dishes, pots and pans may be supported thereupon while being drained. The shelf may be used for the purpose of supporting a dish pan wherein dishes are being washed or rinsed, and a variety of other uses will readily suggest themselves to the experienced housekeeper.

It will be readily seen that when the supporting loop is placed in engagement with the hydrants, which latter are usually arranged approximately centrally above the sink, the shelf or supporting device will occupy an approximately central position. If



it should be desired to support the shelf adjacent to one end of the sink, it may be found necessary or desirable to provide a back wall 2 with an additional or auxiliary supporting hook, as shown at 10, thus enabling the loop or bail 8 to be placed in engagement with said hook and with one of the hydrants.

When the shelf or supporting device is not in active use it may be swung or folded in an upward direction, against the back wall of the sink, as shown clearly in Fig. 2 of the drawings. When it is moved to this position the corrugated flanges 7 will rest in engagement with the back wall, and the body of the shelf or supporting device will be sufficiently spaced from said back wall to accommodate the hydrants, as will clearly appear by reference to Fig. 2 of the drawings.

In the modified form of the invention shown in Figs. 4 and 5 a shelf or supporting device has been shown which is provided with apertures 11 for the passage of the hydrants when the shelf is raised to an inactive position. In this form of the invention the corrugations of the shelf have been omitted, and the latter has been simply provided at its front and rear edges with downturned flanges 12 and 13, the former of which affords a bearing for the pivotal arms 9 of the supporting bail 8.

It will be readily understood that the improved shelf or supporting device is capable of a great variety of modifications in regard to the detailed construction thereof without detracting from its utility or from the scope and principle of the invention. It will also be understood that the use of the device is not limited to its connection with sinks, but that it may be very readily and quickly detached and used for a variety of other purposes. Thus, for instance, the shelf in an inverted position may be supported upon the surface of a stove or range and used for the purpose of drying the articles that may be

be inverted over a hot air register in the floor, and utilized for drying purposes. When supported on a moderately hot stove or range, a pan containing dough may be placed thereupon for the purpose of raising the dough. It may even be utilized as a toaster or broiler and for a great variety of other purposes which will readily suggest themselves. Its construction is simple and inexpensive, and it may, as stated, be supplied in a great variety of forms adapted to various purposes.

Having thus described the invention, what is claimed as new, is:—

1. A shelf or supporting device of wire netting having downturned side flanges and longitudinal corrugations terminating short of said side flanges.

2. A shelf or supporting device of wire netting having downturned side flanges and longitudinal corrugations terminating short of said side flanges, and a bail pivotally connected to such shelf or supporting device at a point near one of said flanges.

3. A longitudinal corrugated supporting shelf of wire netting having transverse downturned supporting flanges, and a supporting bail pivotally connected therewith.

4. A shelf or supporting device of wire netting having a downturned flange at its outer side to engage the outer side wall of a sink, and a supporting bail pivotally connected to said shelf or supporting device and adapted to be placed over the spigots above the inner side of the sink to support the inner side of said shelf or supporting device and suspend the same from said spigots.

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

S SPENCER ECCLESTON.

Witnesses:

H. A. EATON,  
W. R. HUMPHRY.