

No. 785,942.

PATENTED MAR. 28, 1905.

C. C. FINCH.
BAR FIXTURE.
APPLICATION FILED MAR. 30, 1904.

FIG. 1.

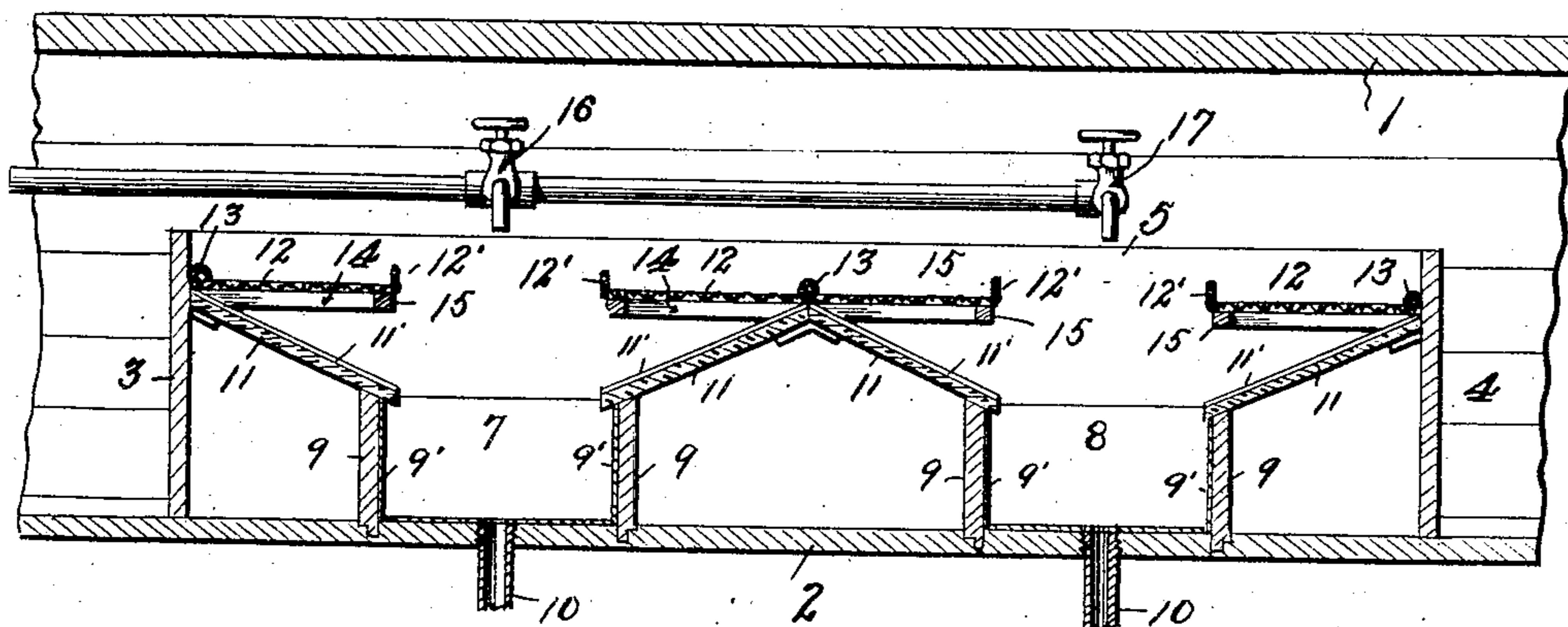


FIG. 2.

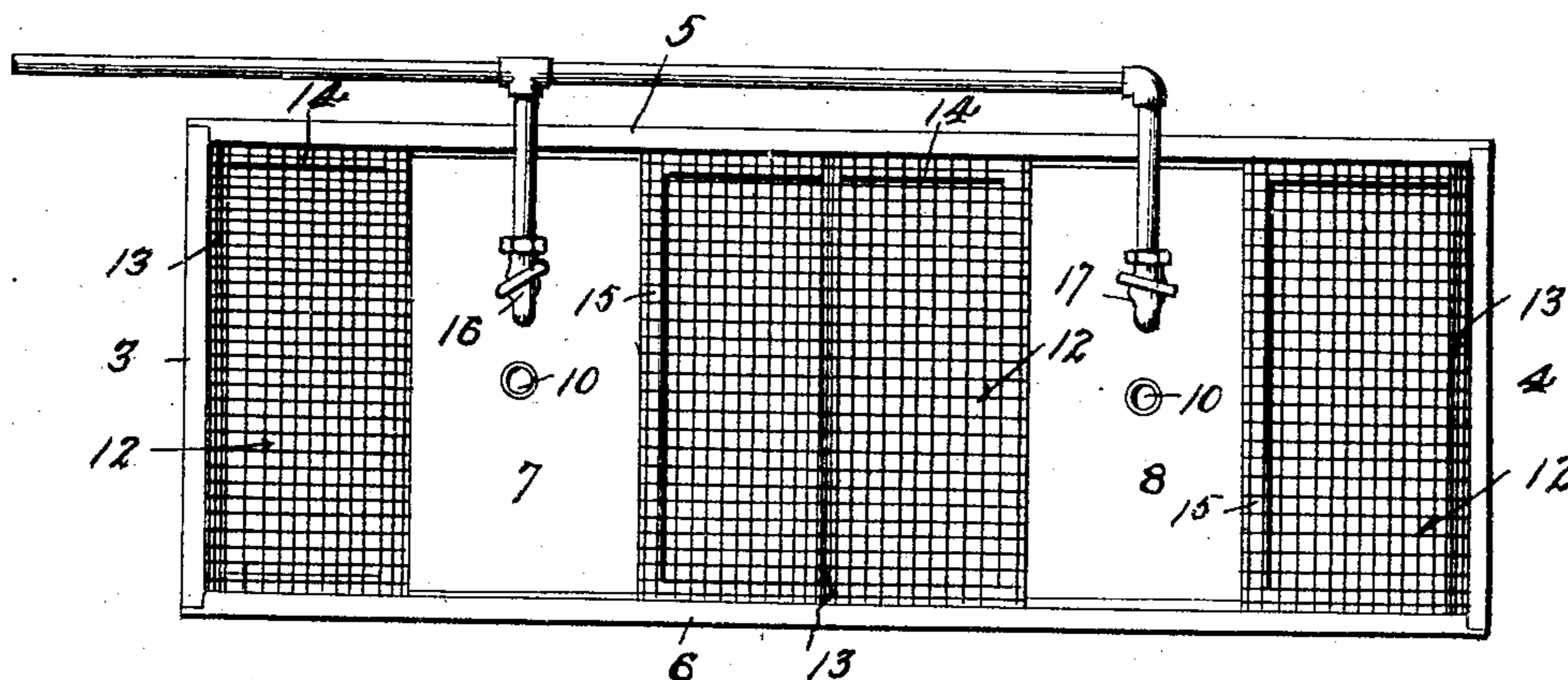
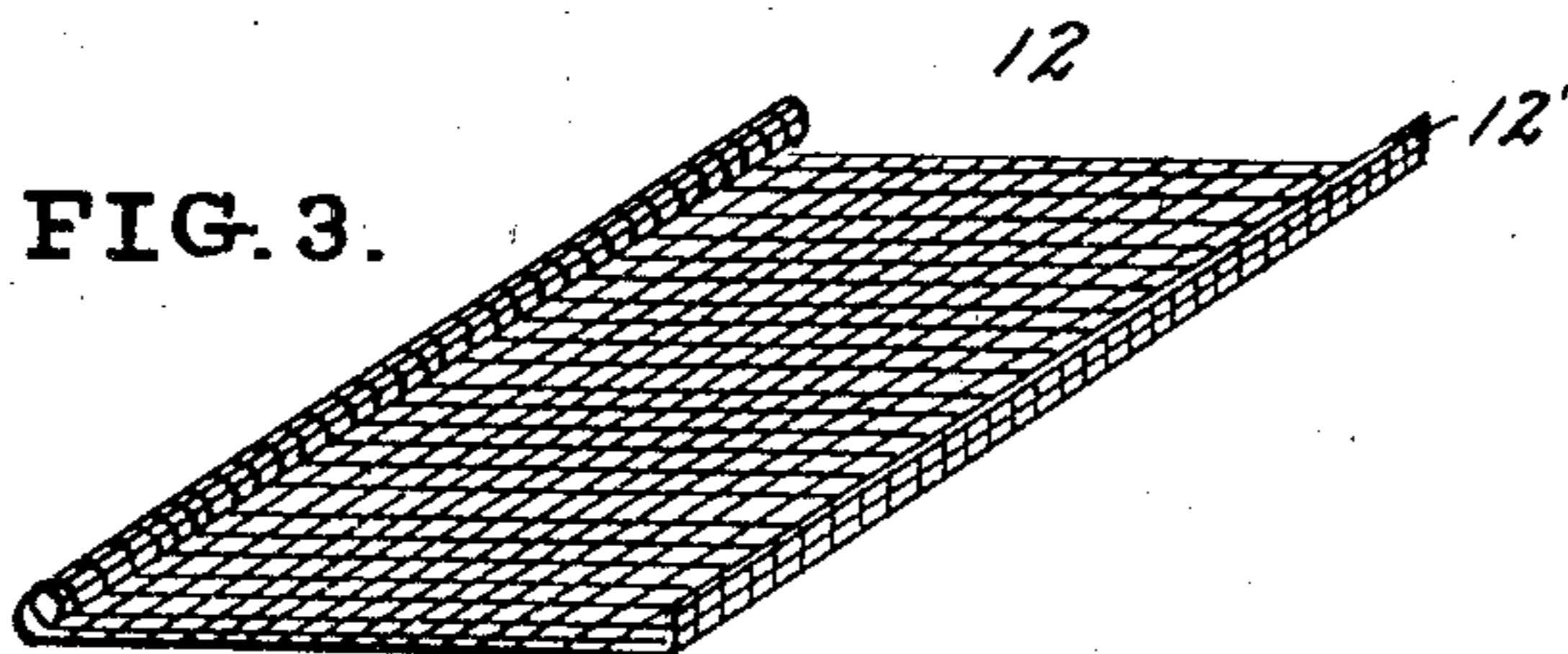


FIG. 3.



Witnesses
Chas. H. Davis.
W. E. Moore

Charles Carl Finch
Inventor
by *Wm. E. Moore*
Attorney

UNITED STATES PATENT OFFICE.

CHARLES CARLE FINCH, OF NEWPORT NEWS, VIRGINIA.

BAR-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 785,942, dated March 28, 1905.

Application filed March 30, 1904. Serial No. 200,723.

To all whom it may concern:

Be it known that I, CHARLES CARLE FINCH, a citizen of the United States, residing at Newport News, in the county of Warwick and State of Virginia, have invented certain new and useful Improvements in Bar-Fixtures, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to bar-fixtures, and particularly to that class of fixtures commonly called "bar work-benches;" and it has for its object the provision of an apparatus which will enable the bar-keeper to wash, drain, and stow his glasses conveniently, rapidly, and safely. In the fixtures of this kind at present in use there are provided drains or drain-boards covered with sheet-copper in connection with drain pockets or wells, on which boards the glasses when rinsed out are placed to dry. There are several objections to this arrangement, among them being the following: The boards being closely covered with the copper sheathing in spite of the fact that the upper surfaces are corrugated are decidedly rigid, and there is constant breakage of glasses, especially the lighter ones, by careless handling or careless placing of the glasses on the said drain-boards. Moreover, the copper in time becomes worn, presenting ragged edges on which the hands are likely to be badly torn, and this feature is aggravated by the use of acids which are necessary to clean copper. Another objectionable feature of the copper-covered boards is the amount of time it takes to keep the sheathing polished. It is with a view of correcting all these objections and of providing other features of advantage that I have devised my invention. This I have accomplished by the use of a novel combination of features hereinafter described.

As shown in the drawings, which form a part of this specification, Figure 1 is a longitudinal section through the bar and work-bench, showing the general arrangement and relationship of parts. Fig. 2 is a plan view of the same, the bar being removed; and Fig. 3 is a perspective view of one of the draining-

screens, showing the hinged back edge and the flanged forward edge.

Referring to the drawings, 1 is the bar (shown in section); 2, the base of the bench, which may rest either on the floor or on a raised platform or support.

3 4 are the ends, and 5 6 the sides, of the box which forms the body of the work-bench.

7 8 designate the drainage-wells, of which the work-bench sides 5 and 6 form the sides and walls 9 9 9 9 the ends, which may be provided with metallic linings 9'.

10 10 designate the drains from the wells, suitably connected to the drainage system of the building.

11 11 11 11 designate the drain-plates, made preferably of glass and corrugated on their upper surfaces, as shown at 11'.

The draining-screens 12 are made of aluminium or othersuitable non-corrodible metal and are hinged at 13 13 13 and provided with the flanged edges 12'. Underneath and supporting the said screens are the side strips 14 and the cross-strips 15, which may be of either wood or metal.

The faucets 16 17 supply water for rinsing, &c., and the waste runs directly into the drainage-wells underneath, which wells may be lined with copper, zinc, or tin, preferably enameled, in order to resist the chemical action of the liquids with which the sides and bottom come in contact.

In operation the glasses are rinsed, usually under one faucet, and are then placed on the screens to drip and dry, the drips falling on the drain-plates and running down into the wells. The screens are sufficiently yielding and elastic to permit a certain amount of haste or carelessness in the handling of the glasses without danger of breaking. When it is desired to clean the work-bench, the upper and lower surfaces of the screen are wiped off, the screens being thrown back on their hinges for the latter operation. The cross-bars, &c., may then be cleaned and the drain-plates wiped off. This is all that is necessary in the case of the corrugated or fluted glass plates, whereas the copper plates at present in use

require a cleaning with acid frequently. Clips may be provided to retain the screens when hinged back.

5 In addition to the features shown I may introduce various other unimportant details, as cutting or slicing boards, &c. Moreover, I may devote one of the wells to the purpose of cooling bottles, the well, slightly modified in construction, being packed with ice for the
10 purpose, or I may introduce an additional well for that purpose.

As shown in the drawings and described herein, my invention consists of certain parts of fixed proportions and definite details; but
15 I reserve the right to modify both of these to suit the purpose or conditions to which the apparatus is to be adapted, provided I do not depart from the essential features as described and shown.

20 As will be seen from the foregoing description, I have accomplished the objects set forth in the early part of the specification and have secured an apparatus which is compact, convenient, and comparatively cheap to construct.
25

I am aware that bar-fixtures of this class have been invented and patented; but I believe that none possess the combinations and novel features of construction as embodied in
30 my invention.

What I claim, therefore, and desire to secure by Letters Patent, is—

1. A device of the class described consisting of a drainage-well, a waste-pipe leading therefrom, inclined glass drain-plates having
35 their upper surface fluted or corrugated leading to said drainage-well, and flexible screens disposed over said drain-plates, combined substantially as described.

2. A bar-fixture of the character described, 40 consisting of the receptacle proper, drainage-wells formed therein, inclined glass drain-plates having their upper surface corrugated or fluted and adapted to guide the waste liquid to said drainage-wells, and hinged yield- 45 ing screens disposed over said drain-plates, combined substantially as described.

3. A bar-fixture of the character described, consisting of compartments forming drainage-wells, exits for draining said wells, inclined 50 fluted drain-plates leading to said wells, and hinged non-corrodible screens having an upward flange at their outer ends, said screens being disposed over said drain-plates.

In testimony whereof I affix my signature in 55 presence of two witnesses.

CHARLES CARLE FINCH.

Witnesses:

G. FRANKLIN LEERZ,

H. GAMBLE.