

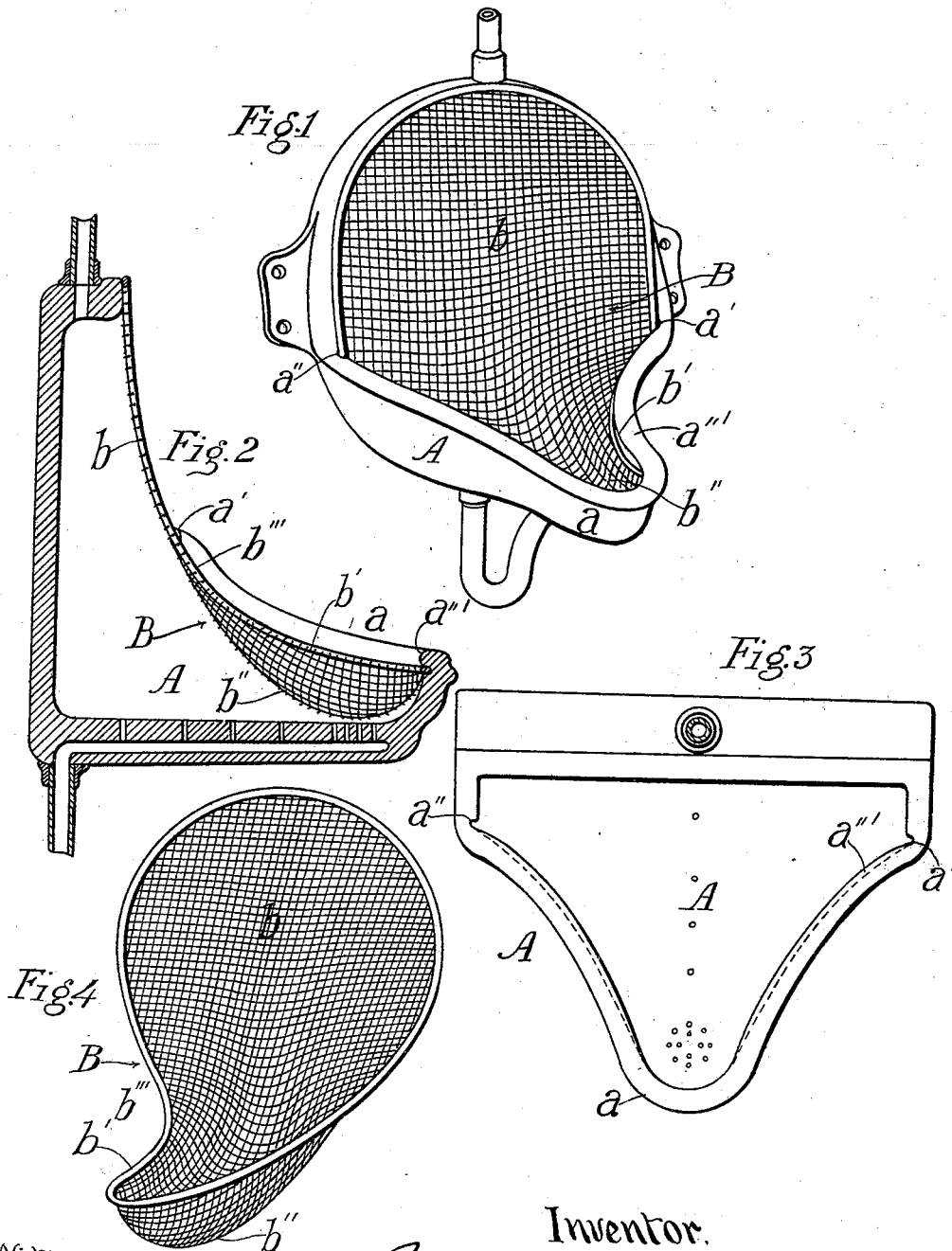
No. 647,895.

Patented Apr. 17, 1900.

E. E. BURSON.  
SCREENED URINAL.

(Application filed May 1, 1899.)

(No Model.)



Witnesses,  
B. W. Pierce.  
J. Townsend

Inventor.  
Ernest Emerson Burson  
by Townsend Bros  
his attys.

# UNITED STATES PATENT OFFICE.

ERNEST EMERSON BURSON, OF LOS ANGELES, CALIFORNIA.

## SCREENED URINAL.

SPECIFICATION forming part of Letters Patent No. 647,895, dated April 17, 1900.

Application filed May 1, 1899. Serial No. 715,197. (No model.)

*To all whom it may concern:*

Be it known that I, ERNEST EMERSON BURSON, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Improvement in Screened Urinals, of which the following is a specification.

The object of this invention is to provide superior means for catching and removing trash thrown into urinals. In order to attain this object, I propose to provide a screen which will cause the cigar-stubs and other trash to be carried by gravity out of the ordinary course of the urine and be there retained until the attendant removes the screen and empties the trash therefrom.

My invention comprises a urinal-screen having a broad upright flat rear portion and a forwardly-projecting narrow snout having a forwardly-deepening pocket, and in practical use the screen is set in the urinal-bowl with the broad flat portion parallel with the rear wall of the bowl and the pocket sloping downward therefrom and extending to the front end of the snout or forward projection of the bowl. By this construction the screen is made to present a plain flat portion in a plane substantially at right angles to the streams of urine when the urinal is in use, and any trash thrown into the bowl will be directed down to the front of the snout of the bowl out of the ordinary course of the urine, so that the least possible amount of urine will be absorbed and retained by the trash. It is desirable, however, that the trash shall be held where it can be rinsed by pure water in those urinals which are provided with flushing devices which flood the bowl at intervals, and the forwardly-deepening pocket makes full provision for this.

The accompanying drawings illustrate my invention.

Figure 1 is a perspective view of my improved screened urinal. Fig. 2 is a vertical longitudinal mid-section. Fig. 3 is a plan of the bowl, the screen being omitted. Fig. 4 is a view of the screen removed.

A indicates the urinal-bowl, which is broad at the rear and has a narrow forwardly-projecting snout *a* after the form of ordinary urinals.

*a'* *a''* indicate two oppositely-arranged downwardly and forwardly extending grooves which cut through a bead *a'''*, which is at the inside of the rim of the snout.

B indicates a screen broad at the rear, as at *b*, and having a narrow forward extension *b'* to fit in the snout *a* of the bowl. The extension is formed in a pocket *b''* at its front end. In the ordinary form of urinal the screen will be bent, as at *b'''*, at the junction between the broad rear upper portion *b* and the forward-projecting pocketed snout *b'*.

In practice the screen is inserted in place with the pocketed snout sticking forward into the snout of the bowl and the rear broad portion extending up to cover the mouth of the bowl to prevent cigar-stubs or other trash from being thrown into the bowl-body, but not forming any objectionable obstruction to the interior of the bowl. In case cigar-stubs or other trash is thrown into the urinal it is caught by the screen and carried down into the pocket and can be readily removed by withdrawing the screen upward and out of the grooves and then can be emptied, and the screen can be readily cleansed by placing it under a faucet and turning on a stream of water and is then replaced ready for use.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A urinal provided with downwardly and forwardly inclined grooves on opposite sides of its bowl and a screen narrower at front than at the rear end fitted in said grooves and provided at the front with a pocket.

2. A urinal-screen comprising a frame broad at the upper rear portion and reduced and forwardly bent at the lower portion and a wire-netting fastened at its edges to the frame and extending substantially in the plane of the broad portion of the frame at its upper part and formed into a forwardly-deepening pocket at the portion held by the narrowed forwardly-projecting part of the frame.

ERNEST EMERSON BURSON.

Witnesses:

JAMES R. TOWNSEND,  
F. M. TOWNSEND.