

J. S. STEVENS.

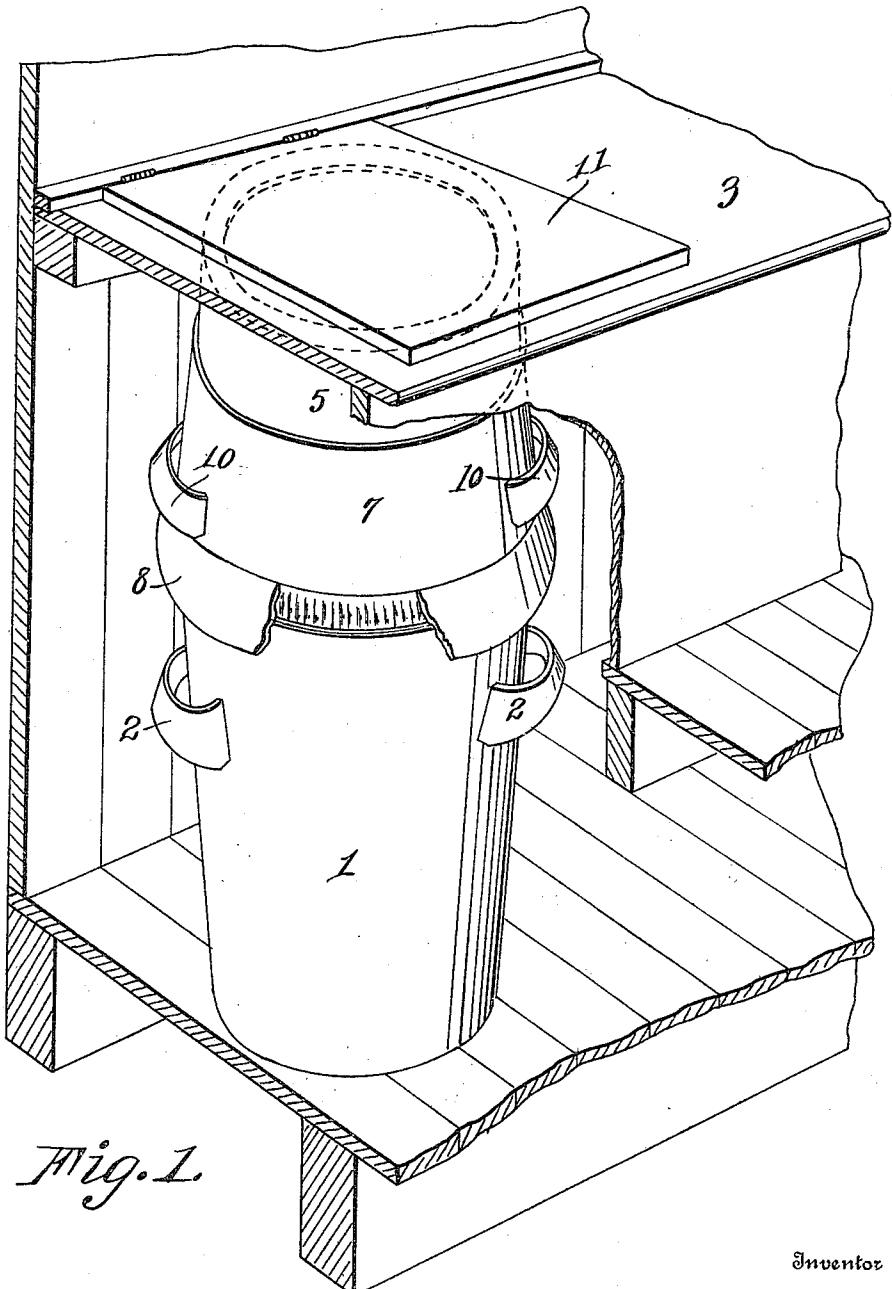
CAN.

APPLICATION FILED NOV. 10, 1908.

964,458.

Patented July 12, 1910.

2 SHEETS—SHEET 1.



Inventor

John S. Stevens.

By Victor J. Evans

Attorney

Witnesses

H. C. Linton
D. W. Gould.

J. S. STEVENS.

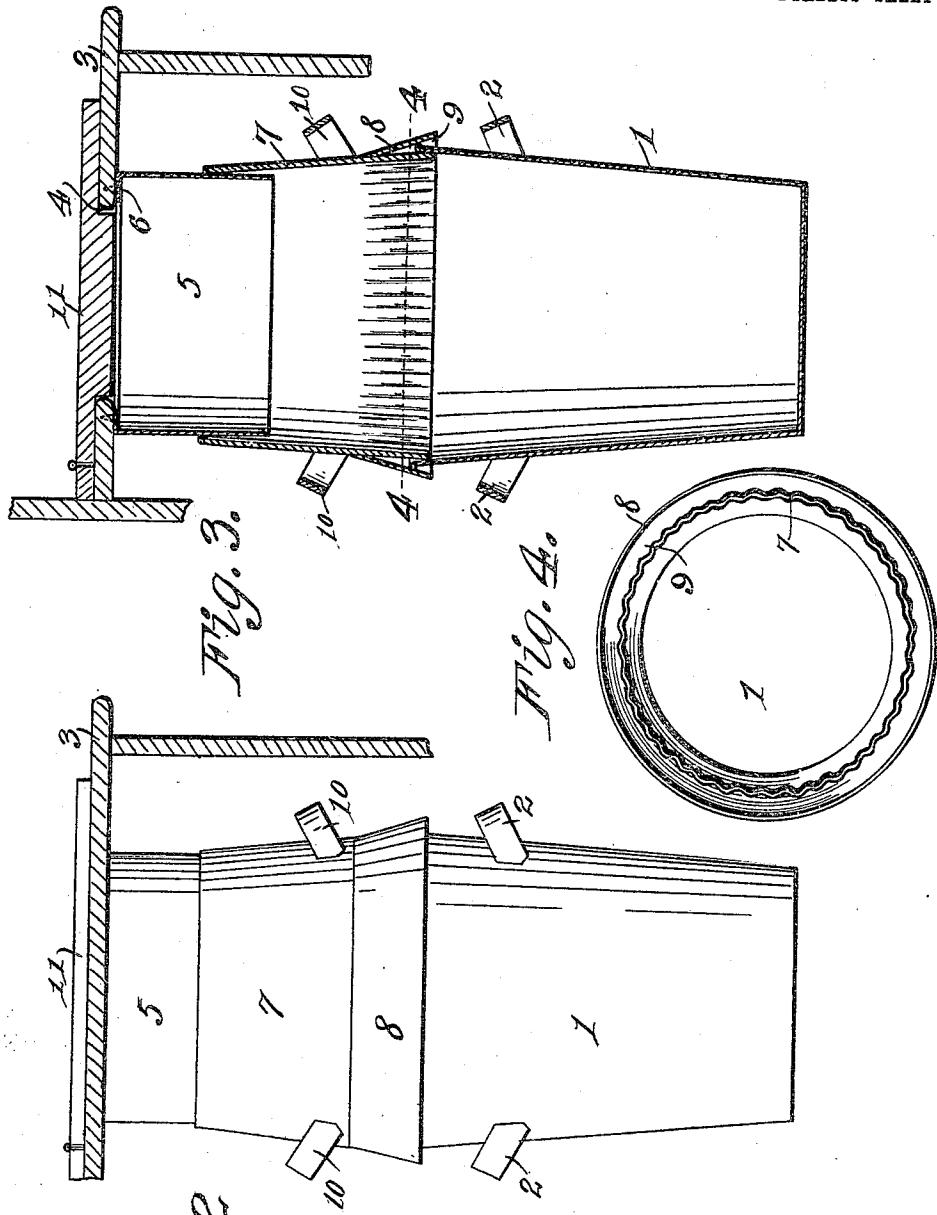
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UNITED STATES PATENT OFFICE.

JOHN S. STEVENS, OF ATLANTA, GEORGIA.

CAN.

964,458.

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Application filed November 10, 1908. Serial No. 461,954.

To all whom it may concern:

Be it known that I, JOHN S. STEVENS, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented new and useful Improvements in Cans, of which the following is a specification.

The invention relates to an improvement in cans designed primarily for use in yard closets and similar places lacking sewer connection.

The main object of the present invention is the provision of a can which may be effectively sealed when not in use to prevent those obvious objections pertaining to the usual open tub or can of this character.

The invention will be described in the following specification, reference being had particularly to the accompanying drawings, in which:—

Figure 1 is a perspective view illustrating the construction and application of my improvement. Fig. 2 is a side elevation of the same. Fig. 3 is a vertical section. Fig. 4 is a transverse section on the line 4—4 of Fig. 3.

Referring particularly to the accompanying drawings, my improvement includes a can 1, which may be of any preferred open type, and is preferably provided with handles 2 whereby the can may be conveniently handled.

As is usual the can is designed to be placed beneath the seat 3 formed with the customary opening 4. Secured to the undersurface of the seat 3 and concentric with the opening is what I term the holding section 5, preferably of cylindrical form and of a diameter exceeding the maximum dimension of the seat opening. The upper edge of the holding section is turned inwardly to provide a flange 6 whereby the section may be more or less permanently secured to the seat 3.

Arranged for sliding engagement with the holding section is what I term the closing section 7, preferably an open ended cylindrical body having its interior diameter at the upper end of a size to more or less snugly fit the exterior of the holding section, while at its lower end the exterior diameter of the closing section is of a size to fit snugly within the upper end of the can 1. Preferably the lower end of the holding section is vertically corrugated to insure a better grip of the material of the

can and the outer surface of the holding section is provided with a sealing flange 8 secured to the outer surface of the section 7 some distance above the lower edge thereof and flaring or inclining outwardly from the surface of the holding section in a downward direction. The lower end of the sealing flange terminates approximately on a line with the lower end of the closing section, and by virtue of the inclination of said flange relative to the surface of the closing section there is provided between said flange and the surface of the section a space 9 in which the upper edge of the can 1 is received when the parts are connected for use.

The closing section is provided with handles 10 whereby said section may be slidably operated upon the holding section 5, it being understood in this connection that said closing section is adapted for such frictional engagement with the holding section as to cause the closing section to remain in any position desired lengthwise the holding section.

The opening 4 in the seat is adapted to be closed by a cover 11 hinged or otherwise connected in place.

In use after the can 1 is properly positioned the closing section is by means of the handles 7 moved downwardly on the closing section until the edge of the can is seated within the space 9, in which position there is an unbroken connection from the seat opening 4 to the can 1. The can is thus sealed against the entrance of flies or the like and will, of course, remain in such condition until its removal is desired, when by elevating the closing section the can may be readily removed for cleaning.

It is to be particularly noted that the lower end of the holding section depends within the upper end of the closing section and that the lower end of the closing section depends within the upper end of the can, whereby any obstructing joint or connection which would tend to obstruct the free fall of the material is avoided.

The various parts of the device are to be constructed of metal, preferably galvanized iron or the like and in use will obviously remove many objections urged against devices of similar character in which the open can forms the receiver.

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

The combination with a closet seat formed

with an opening, of a fixed section secured to the under surface of the seat, a conical closing section slidably engaging the fixed section, a can adapted to be engaged by the 5 closing section, the upper end of the closing section fitting the outer surface of the fixed section, the lower end of the closing section fitting within the upper edge of the can, and a sealing flange carried by the closing 10 section to engage the outer surface of the

can, said sealing flange flaring outwardly and downwardly from its connection with the closing section, and operating handles formed on the closing section.

In testimony whereof I affix my signature 1
in presence of two witnesses.

JOHN S. STEVENS.

Witnesses:

Jos. H. FREEMAN,
L. C. FOLEY.