

No. 736,396.

PATENTED AUG. 18, 1903.

J. W. M. HIPWELL.

ASH CAN.

APPLICATION FILED MAR. 16, 1903.

NO MODEL.

Fig. 1.

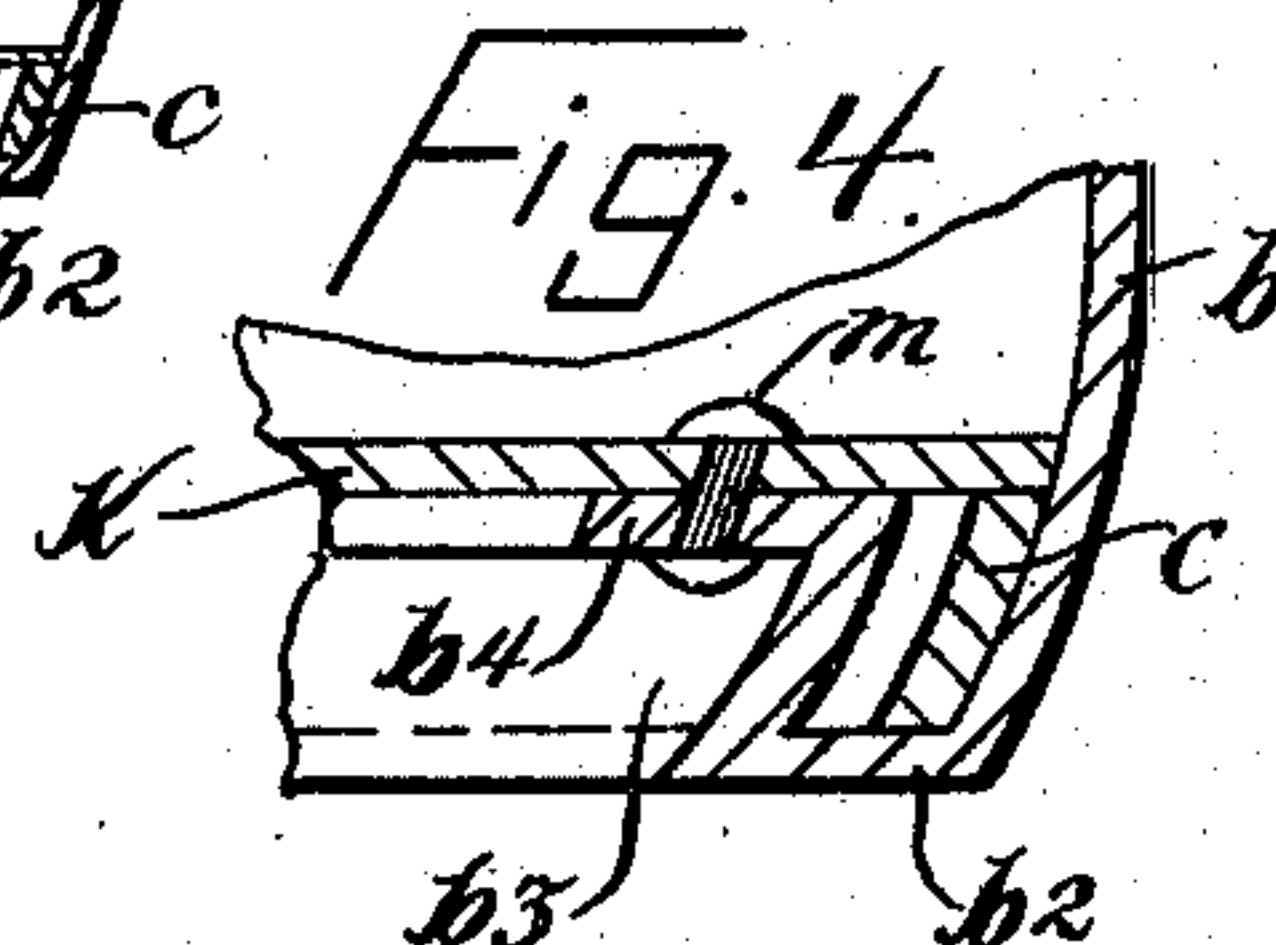
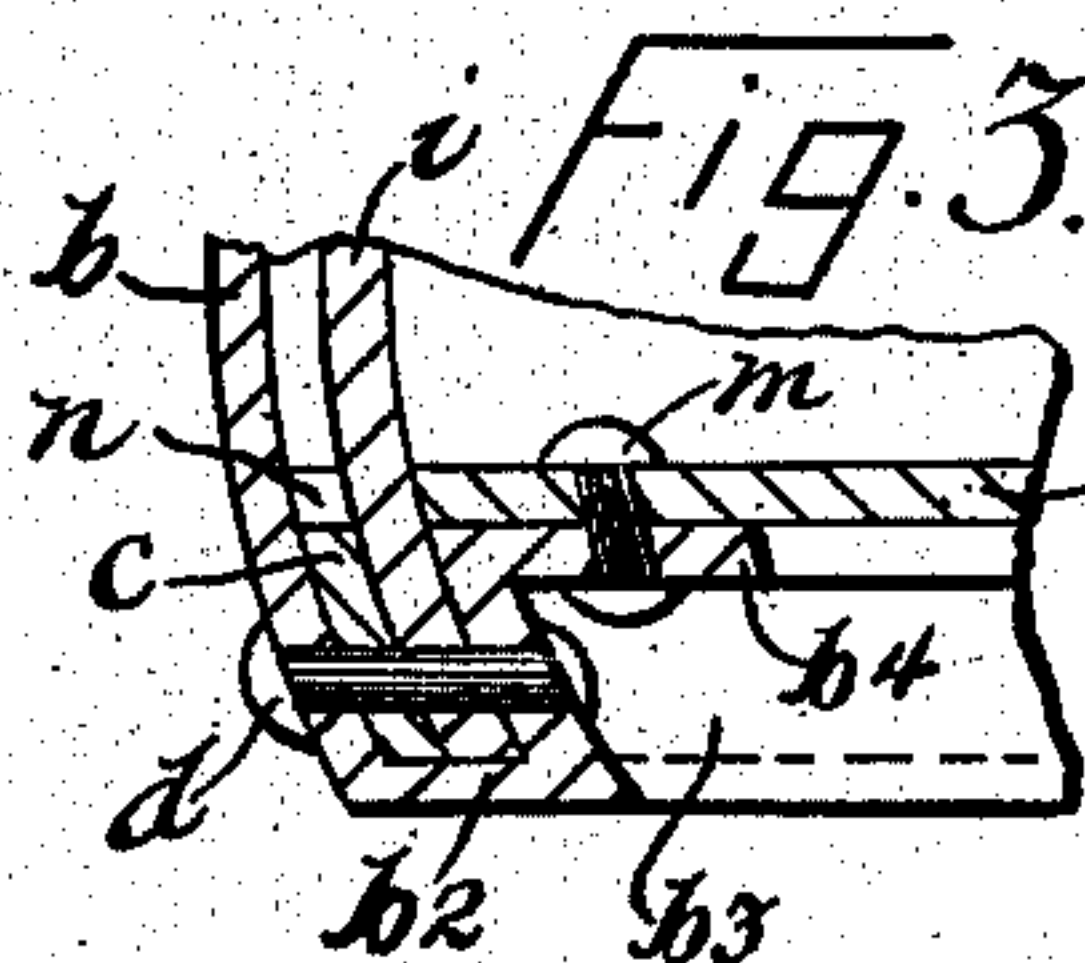
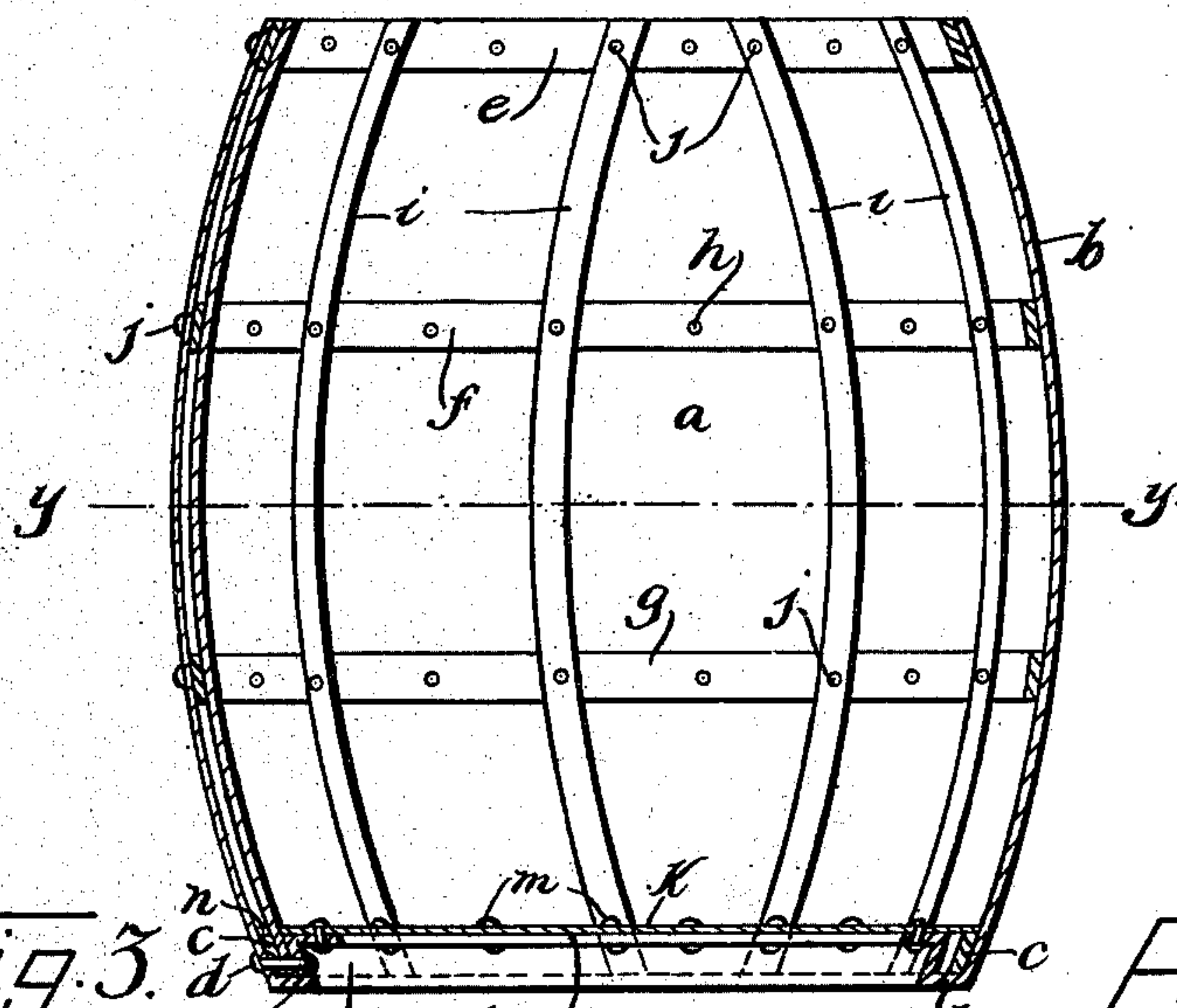
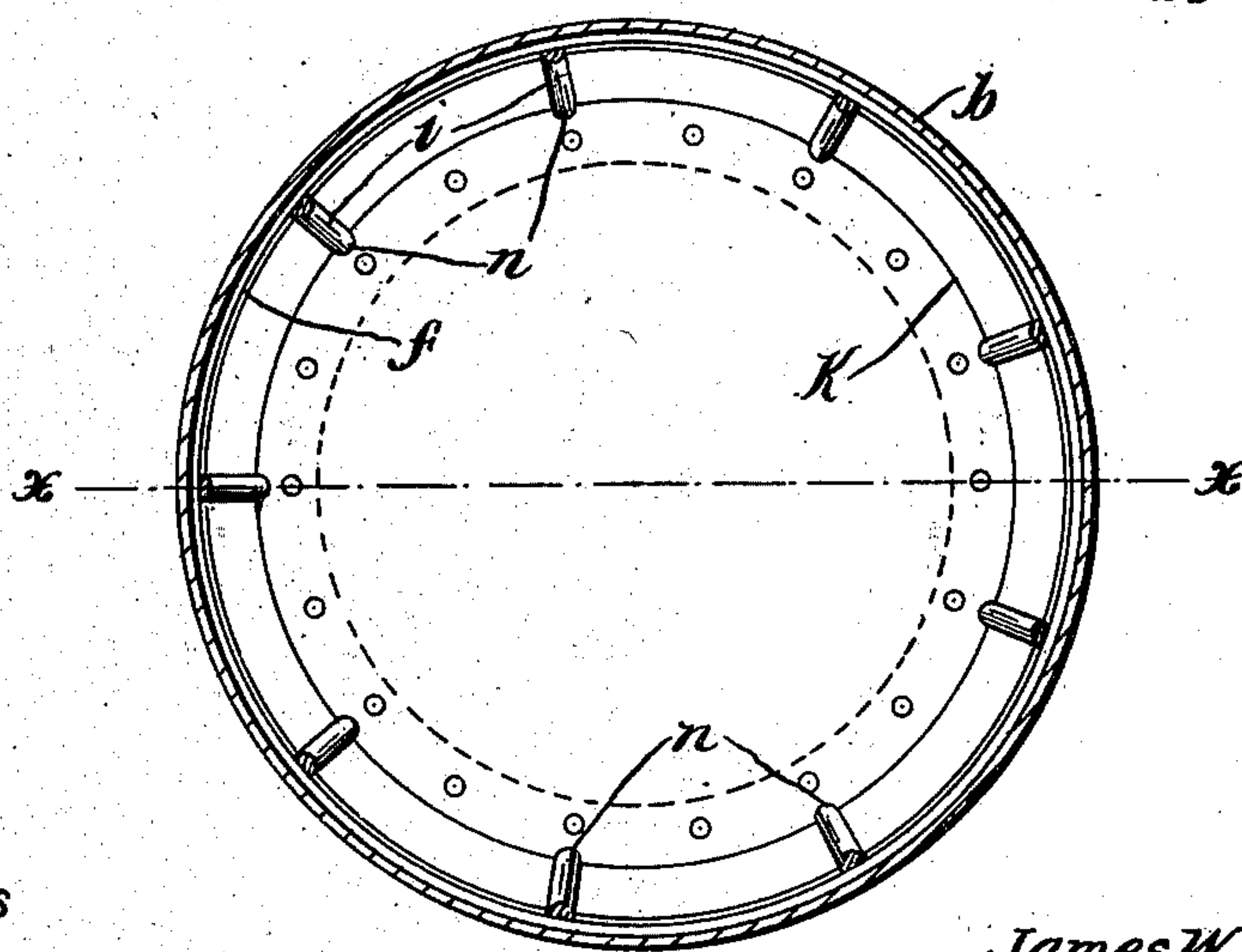


Fig. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## ASH-CAN.

SPECIFICATION forming part of Letters Patent No. 736,396, dated August 18, 1903.

Application filed March 16, 1903. Serial No. 147,931. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES W. M. HIPWELL, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Ash-Cans, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved ash-can which is composed entirely of metal and strong and durable, while being also comparatively inexpensive; and with this and other objects in view the invention consists in an ash-can constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a central vertical section of an ash-can made according to my invention, the section being taken on the line  $x x$  of Fig. 2; Fig. 2, a section on the line  $y y$  of Fig. 1; and Figs. 3 and 4 are detail views of the construction shown in Fig. 1, on an enlarged scale.

In the practice of my invention I construct an ash-can  $a$ , which is of the general form of a barrel and which comprises an outer shell  $b$ , the bottom of which is bent inwardly, as shown at  $b^2$ , and upwardly to form a rim  $b^3$  and inwardly again to form an annular flange  $b^4$ . As thus constructed the bottom of the shell of the can is U-shaped in cross-section and provided above the extreme bottom with the inwardly-directed flange  $b^4$ , and the parts  $b$ ,  $b^2$ ,  $b^3$ , and  $b^4$  form a chime at the bottom of the can.

Within the U-shaped bottom portion of the can is placed an annular band  $c$ , of metal, and passed through this band and through the chime portion at the bottom of the can are rivets  $d$ .

Secured within the can, at the top thereof and at different points between the top and the bottom, are metal bands  $e$ ,  $f$ , and  $g$ , which are riveted to shell  $b$ , as shown at  $h$ , and the interior of the can is also provided with vertically-arranged ribs  $i$ , which are riveted to the bands  $f$  and to the shell  $b$ , as shown at  $j$ .

The bottom of the can consists of a metal plate  $k$ , riveted to the flange  $b^4$ , as shown at  $m$ , and the lower ends of the ribs  $i$  pass downwardly through the perimeter of the bottom  $k$ , as shown at  $n$ , and into the space occupied by the band  $c$  and inside of said band.

This makes a strong and durable can, which is comparatively light and which is thoroughly braced at all points and also comparatively inexpensive, and changes in and modifications of the construction described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. A metal ash-can composed of an outer shell the bottom of which is provided with a chime formed by bending the same inwardly, upwardly and inwardly to form an inwardly-directed flange, a reinforcing-band placed in said chime, other reinforcing annular bands secured in the body portion of the shell at the top thereof and between the bottom and the top, vertically-arranged ribs secured to said bands and said shell, and a bottom portion riveted to said inwardly-directed flange of the chime, substantially as shown and described.

2. A metal ash-can composed of an outer shell the bottom of which is provided with a chime formed by bending the same inwardly, upwardly and inwardly to form an inwardly-directed flange, a reinforcing-band placed in said chime, other reinforcing annular bands secured in the body portion of the shell at the top thereof and between the bottom and the top, vertically-arranged ribs secured to said bands and said shell, and a bottom portion riveted to said inwardly-directed flange of the chime, said vertically-arranged ribs being extended downwardly below the bottom into the chime portion, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 14th day of March, 1903.

JAMES W. M. HIPWELL.

Witnesses:

J. C. LARSEN,  
F. A. STEWART.