

No. 694,845.

Patented Mar. 4, 1902.

C. A. DOUD.  
BANANA CRATE.

(Application filed Nov. 19, 1901.)

(No Model.)

FIG. 1.

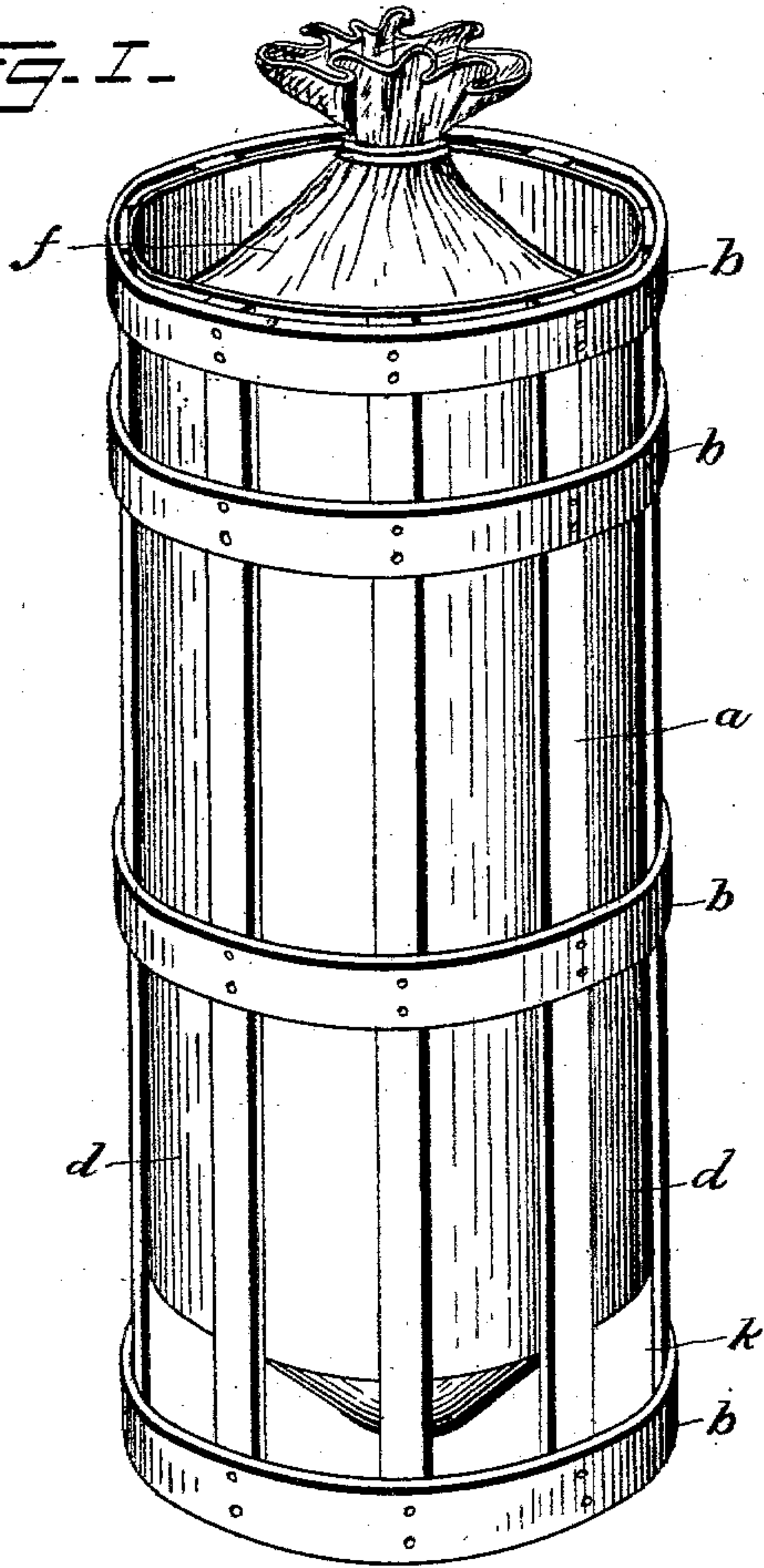


FIG. 2.

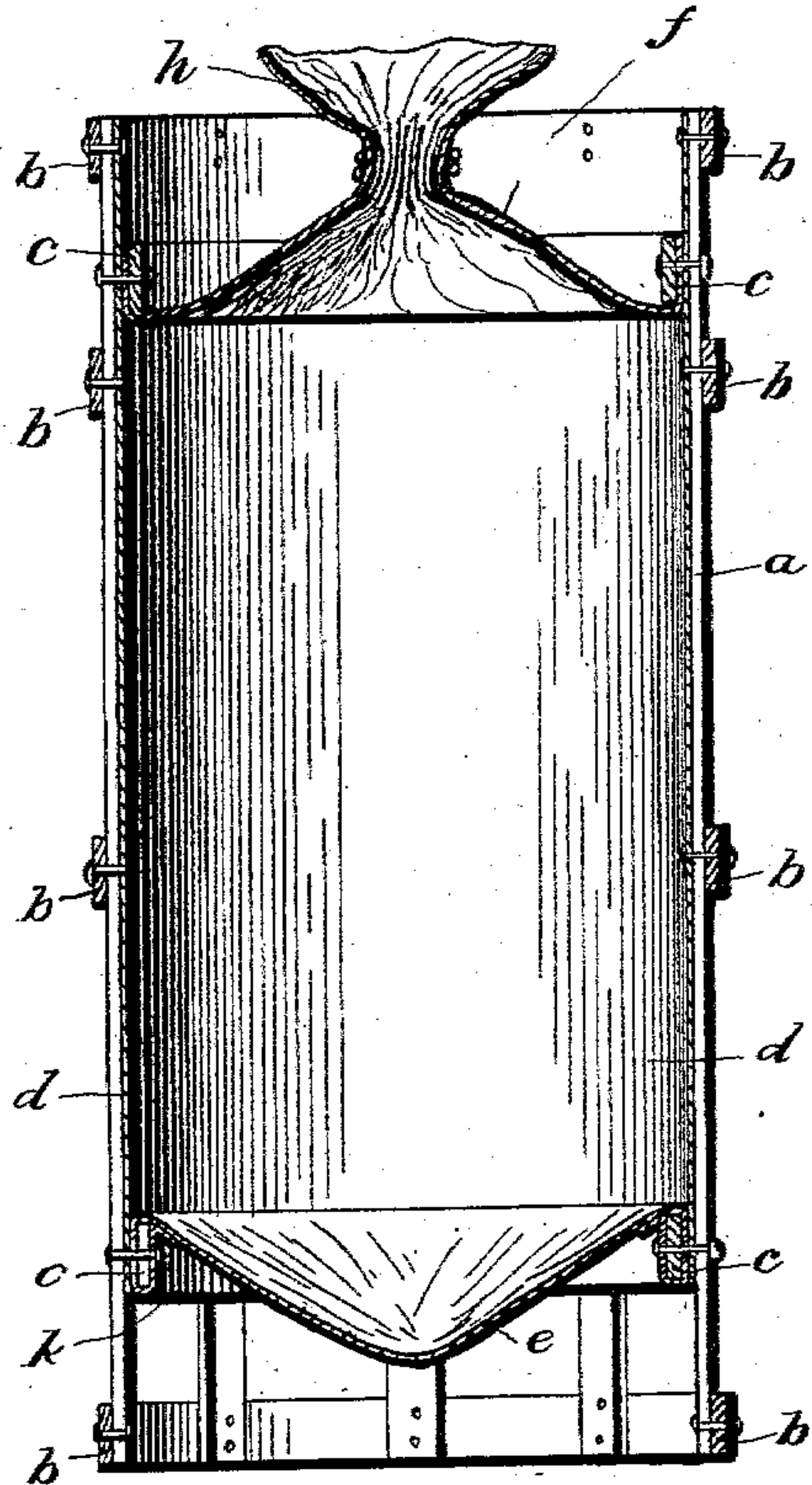


FIG. 3.

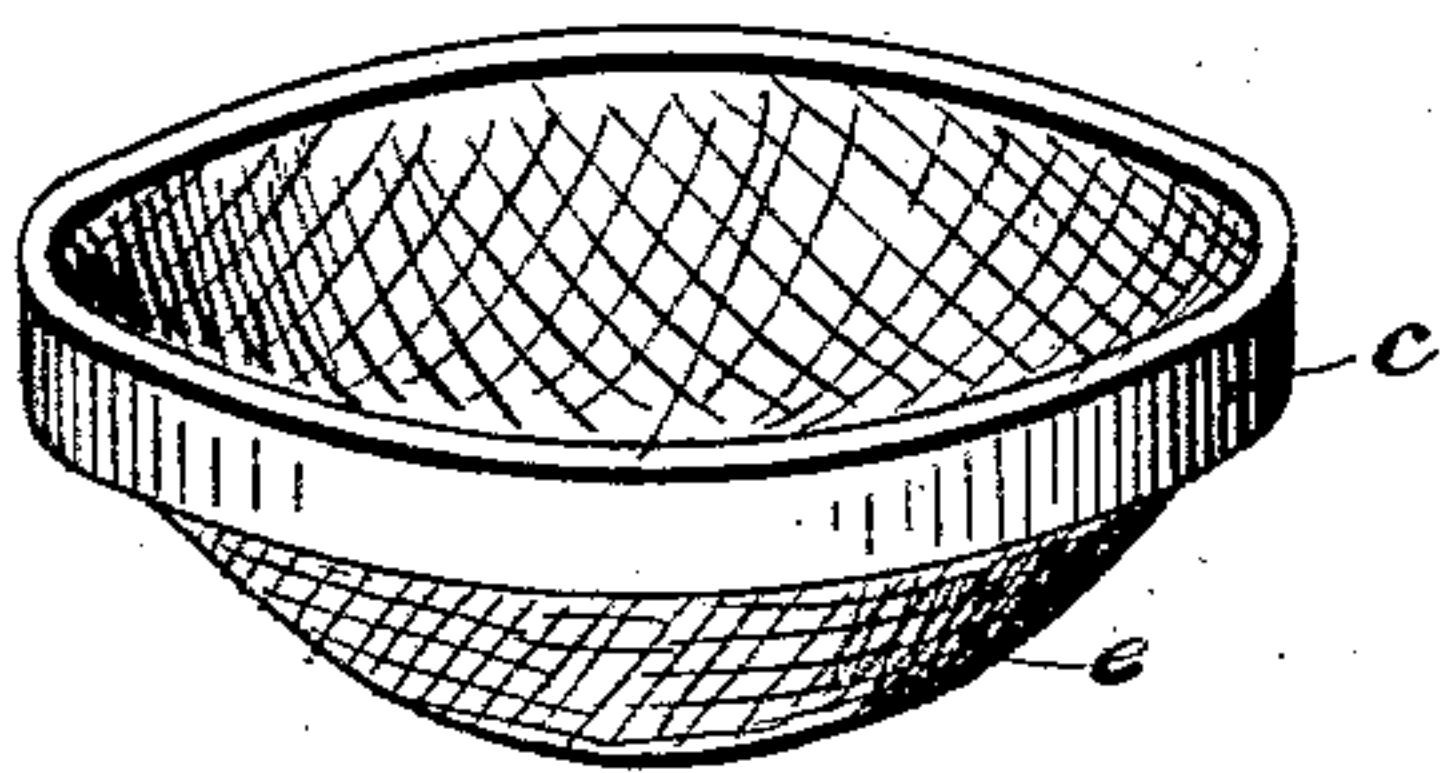
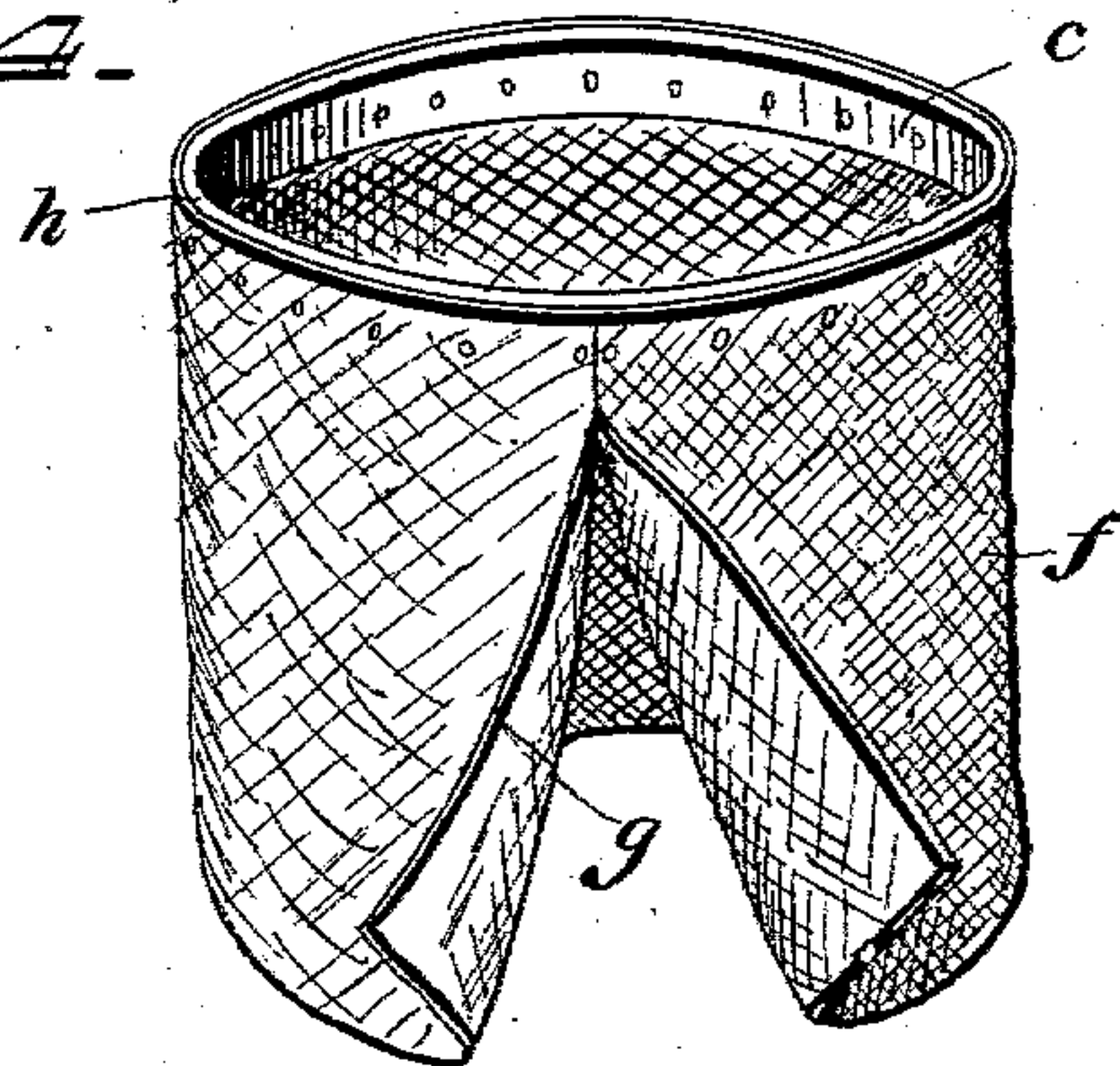


FIG. 4.



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# UNITED STATES PATENT OFFICE.

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## BANANA-CRATE.

SPECIFICATION forming part of Letters Patent No. 694,845, dated March 4, 1902.

Application filed November 19, 1901. Serial No. 82,814. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES A. DOUD, a citizen of the United States, and a resident of La Crosse, in the county of La Crosse and State of Wisconsin, have made a certain new and useful Invention in Banana-Crates; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it ap-  
10 pertains to make and use the invention, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of my crate.  
15 Fig. 2 is a longitudinal central section of the same. Fig. 3 is a detail perspective view of lower head *e* and lower hoop *c*. Fig. 4 is a detail perspective view of the upper hoop *c* and wrap *f*.

20 The invention has relation to shipping-cases for bunches of bananas and other articles; and it consists in the novel construction and combinations of parts, as hereinafter set forth.

In the accompanying drawings the letter *a*  
25 designates a crate-frame, which consists of the separated vertical slats which extend straight from top to bottom.

*b b* represent the exterior hoops, and *c c* the interior hoops, the latter being respectively  
30 arranged near the upper and lower ends of frame.

Between the slats and the inner hoops is the cylinder of pasteboard *d*, which is tacked to the frame. This paper cylinder is braced  
35 outward by the inner hoops *c c*. Around the lower inner hoop *c* is attached the marginal portion of the lower burlap head *e*, which is sufficiently slack to be concave and yet short, extending about to the level of the bottom end  
40 of the crate-frame when distended by the stem of the bunch of bananas. Around the upper inner hoop is attached the lower marginal portion of the upper burlap head or wrap *f*,

which is open at the side *g* and top *h* and is 45  
designed when the bunch of bananas is in position within the case to be gathered together and tied securely by means of a wrapping of twine, so as to hold the bunch of fruit securely within the encasement. This paper-lined and burlap-headed crate is designed to 50  
afford a compact shipping-case for the fruit which has a commodious size of interior chamber compared to the exterior size of the crate and is designed to present no hard angles or corners liable to cause bruising. The burlap- 55  
heads allow free access of air and being fixed to the upper and lower inner hoops hold the ends of the bunch in a stable manner. Usually the paper lining-cylinder is made short at its lower end, so that it does not extend 60  
down to the bottom exterior hoop, this construction being preferred in order to afford a free opening *k* for the air at the lower end when the case is standing upright on its lower 65  
end.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

A shipping-case for bananas consisting in the combination with the crate-frame having 70  
longitudinal slats and exterior hoops, of the heavy paper or pasteboard cylinder lining or body secured to said frame, the lower interior hoop having the bottom head of burlap or the like secured thereto for supporting the ba- 75  
nanas, and the upper interior hoop having the top head of burlap or the like secured thereto for covering in the bananas, substantially as specified.

In testimony whereof I affix my signature 80  
in presence of two witnesses.

CHARLES A. DOUD.

Witnesses:

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