

No. 614,780.

Patented Nov. 22, 1898.

J. ZIPFEL, JR.
STAY FLANGE FOR HAT BOXES.

(Application filed Dec. 24, 1897.)

(No Model.)

Fig. 1.

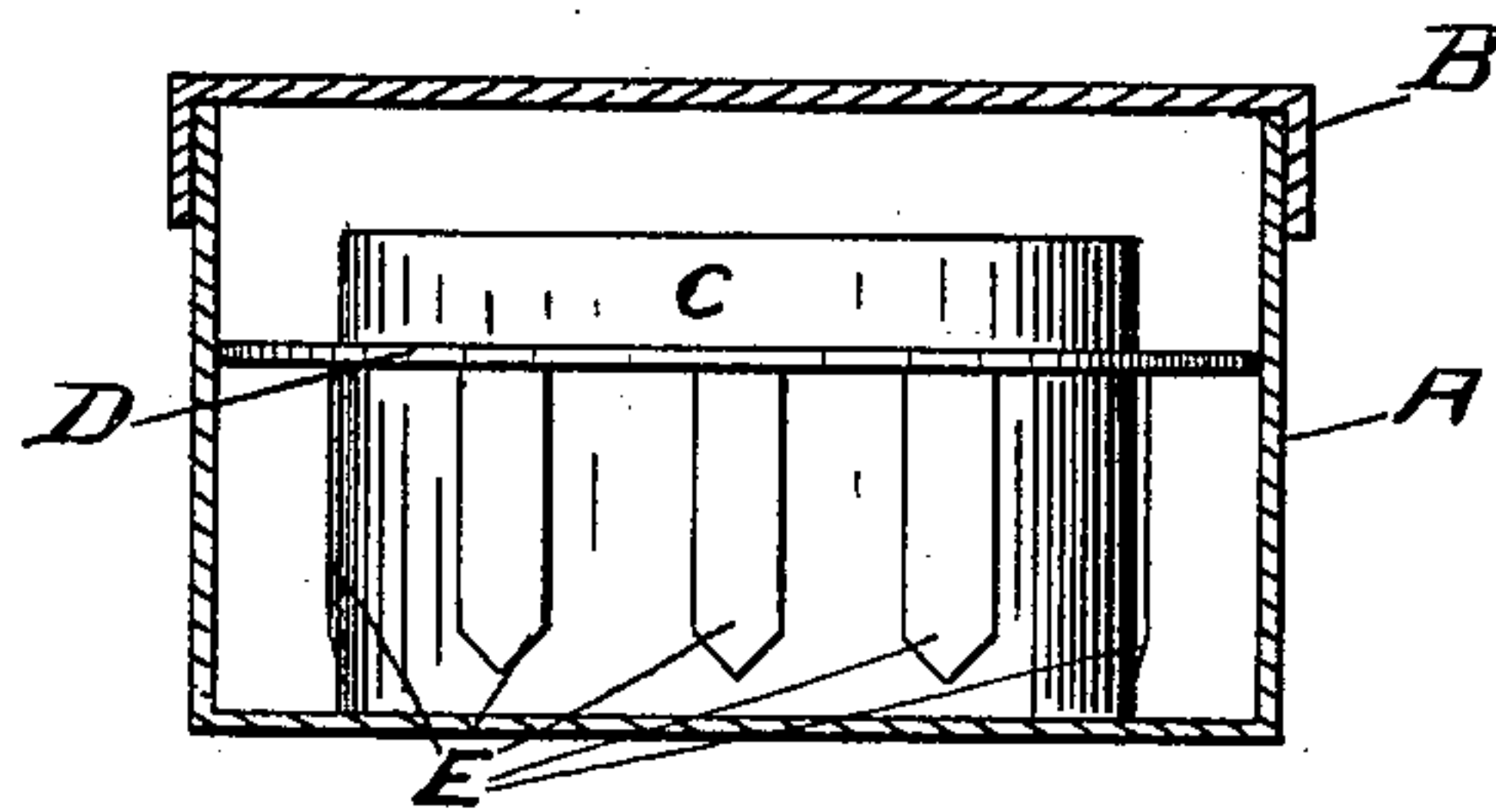
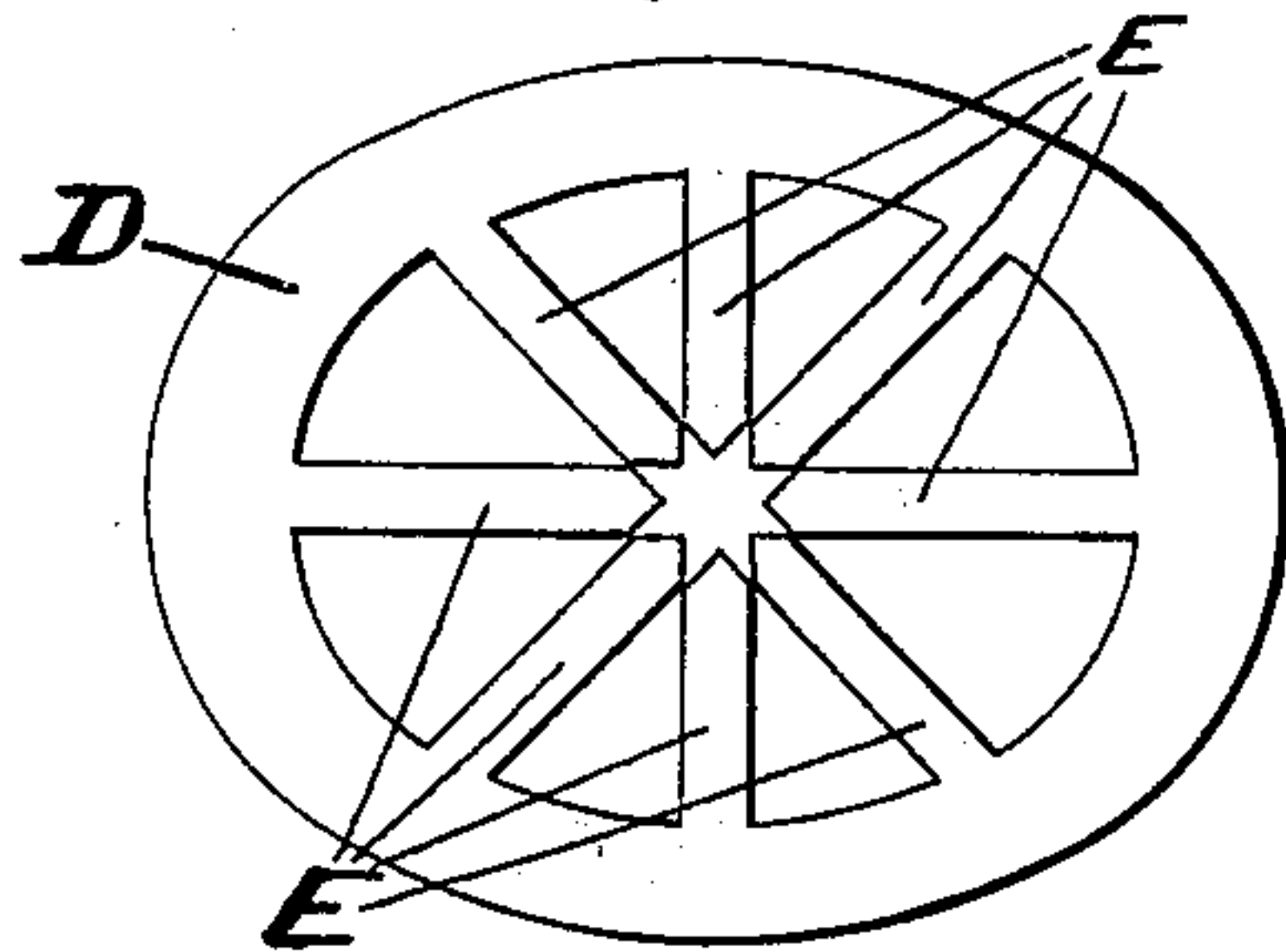


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN ZIPFEL, JR., OF NEWARK, NEW JERSEY.

STAY-FLANGE FOR HAT-BOXES.

SPECIFICATION forming part of Letters Patent No. 614,780, dated November 22, 1898.

Application filed December 24, 1897. Serial No. 663,309. (No model.)

To all whom it may concern:

Be it known that I, JOHN ZIPFEL, Jr., a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Stay-Flanges for Hat-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of my invention is to provide an adjustable detachable flange for the stay in a hat-box. The ordinary stay-flange suffers from the inconvenience of either having no regulating means at all, consisting simply of a plain flange-rim, or is firmly attached to the stay, preventing any up-and-down regulation of the same relative to the top and bottom edges of the stay, this latter method involving the extra labor and expense attendant upon fastening said flange to the stay by means of glue or any other adhesive matter, and where the purchase price is so small as it is in the case of hat-boxes the slightest reduction in labor and consequent cost of manufacture is a gain to the hat-box manufacturers.

In describing my invention I shall call attention to the accompanying drawings, where like letters of reference indicate corresponding parts in both views, and wherein—

Figure 1 shows a section through the longest central line of a hat-box with the stay having my improved stay-flange attached to it, and Fig. 2 a plan view of my improved stay-flange itself.

A indicates the hat-box, having a lid B, C is the stay, and D the stay-flange. This flange is, as best seen in Fig. 2, stamped out by a machine constructed for such purpose, so as

to leave prongs E free. These prongs are then bent downward, and when the flange D is slid over the stay C the said prongs will appear as illustrated in Fig. 1.

The practical improvement in this my new stay-flange is consequently this, that the one operation—viz., the stamping out of this flange with the elongated central prongs—represents all the work in connection with the stay-flange, and the benefit derived therefrom is that when slid around the stay it is at once fixed in its proper position and always equidistant on its whole periphery from the top and bottom edges of the stay, being naturally regulated by the length of the prongs, doing thus away, as above stated, with the process of attaching it to the sides of the stay by whatever means employed, and possessing this advantage over the loose stay-flanges that it cannot slip down to the bottom nor be placed awry as regards the stay.

Having thus described my invention, what I claim, and desire to protect by Letters Patent, is—

1. As a new article of manufacture, an adjustable, detachable stay-flange, having centrally-radiating prongs secured around the stay in a hat-box, for the purposes as set forth, substantially as described and illustrated.

2. In the manufacture of hat-boxes, the combination of an adjustable, detachable stay-flange, furnished with centrally-radiating prongs, with the stay, for the purposes set forth, as illustrated and described.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of December, A. D. 1897.

JOHN ZIPFEL, JR.

Witnesses:

AUGUST M. TRESCHOW,
AXEL V. BEEKENS.