R. KRAUS.

CUSPIDOR.

APPLICATION FILED APR. 1, 1914.

1,122,614. Patented Dec. 29, 1914.

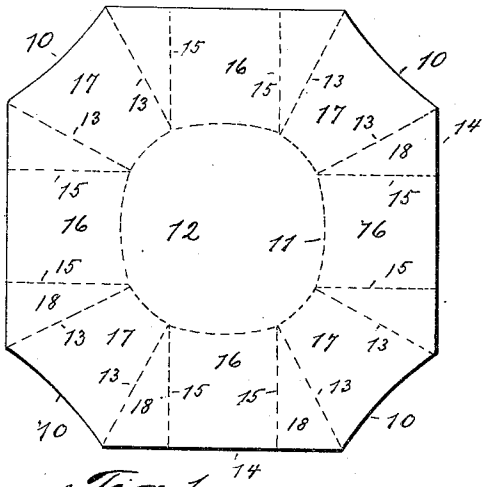


Fig. 1.

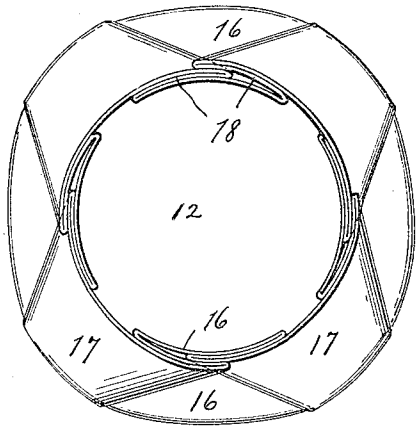


Fig. 2.

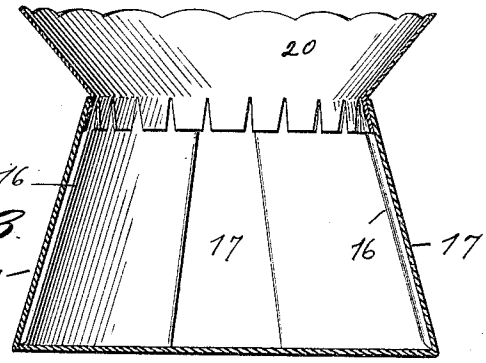


Fig. 3.

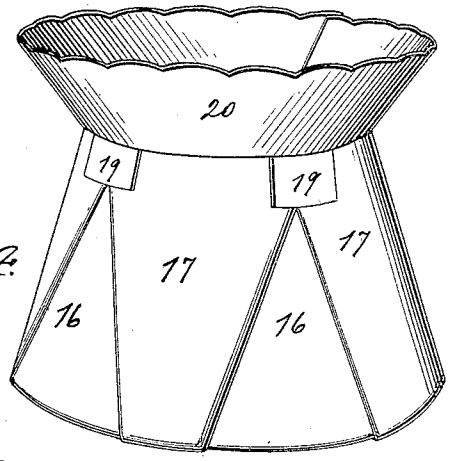


Fig. 4.

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UNITED STATES PATENT OFFICE.

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CUSPIDOR.

1,122,614. Specification of Letters Patent. Patented Dec. 29, 1914.

Application filed April 1, 1914. Serial No. 828,646.

To all whom it may concern:

Be it known that I, RUDOLF KRAUS, a citizen of the United States, and residing at New York city, borough of Brooklyn, county of Queens, and State of New York, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification.

This invention relates to a cuspidor of novel construction which is well adapted to be used as an insert for a rigid frame, such as described in Patent #1,052,729 issued to me February 11, 1913. The cuspidor which is formed of a sheet of paper, folded and bound in a peculiar manner, is of superior strength, may be easily constructed and involves such a small cost that it may be thrown away after becoming charged, so that modern sanitary requirements may be complied with.

In the accompanying drawing: Figure 1 is a face view of the blank for forming the main body of the cuspidor; Fig. 2 a plan of said blank showing it folded; Fig. 3 a vertical section of the cuspidor complete, and Fig. 4 a perspective view thereof.

The cuspidor is composed of two sheets of paper, one forming the body of the cuspidor, and the other a collar or rim for said body. The sheet for forming the body, which is illustrated in Fig. 1, is preferably made of water proofed paper. It is made in the form of a square, with four concaved or reëntrant corners 10. At the center, there is formed by a creased line 11, a circle 12, from which radiate one set of creased lines 13, terminating at the angles formed between the concaved corners 10, and the straight sides 14 of the square. A second set of creased lines 15, extend from the circle 12, toward said straight sides 14, which they meet at right angles. In this way each blank is composed of the central circle 12, four wings 16, having straight outer edges, four wings 17, having curved outer edges, and eight triangular sections 18, interposed between the wings 16 and 17.

In folding the blank, the outer portion thereof, which surrounds circle 12 is turned up on the line 11, and then the triangular sections 18, are tucked in between the wings 16, and 17, in such a way that the wings 17 will project partly over the wings 16, leaving only a triangular portion of the latter exposed. Those two converging flaps of any two adjoining outer wings 17, which overlie one and the same inner wing 16, are connected to each other by means of tabs 19 which are pasted over the same so as to extend over the underlying inner wing, by which means the body becomes permanently fixed in position. The body thus formed will comprise a flat base, and an integral folded side which narrows toward the top, the side being composed of the outer wings 17, having downwardly converging edges, and exposing between them, triangular portions with downwardly diverging edges of the inner wings 16.

Owing to the rounded corners 10 of the blank, the body after being folded will be furnished with a true circular top, and to this top there is secured a circular collar 20, made preferably of fire- and water-proof paper, and extending with its inner gored edge into the top of the body, to which it is secured by a suitable adhesive.

It will be seen that the cuspidor constructed as described, can be readily assembled, is sanitary, of great strength, and may be manufactured at small cost.

I claim—

A cuspidor having a paper body and comprising a base, an integral side that narrows toward the top and is formed of a series of inner wings, a series of outer wings provided with downwardly converging edges and partly overlapping the inner wings, to expose triangular portions thereof, said portions being provided with downwardly diverging edges, said body having a circular upper edge, a collar secured to the body along said edge, and a series of tabs connecting the flaps of adjoining outer wings and extending over the inner wings.

RUDOLF KRAUS.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."