M. SHOLL.

COLLAPSIBLE DRINKING CUP.

APPLICATION FILED DEC. 1, 1909.

957,264.

Patented May 10, 1910.

2 SHEETS—SHEET 1.

Fig. 4.

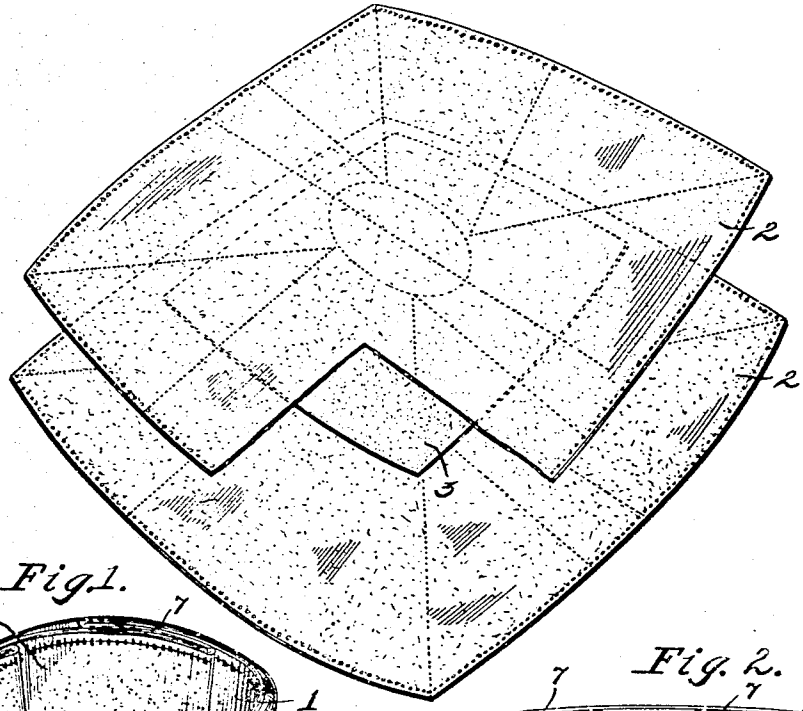


Fig. 1.

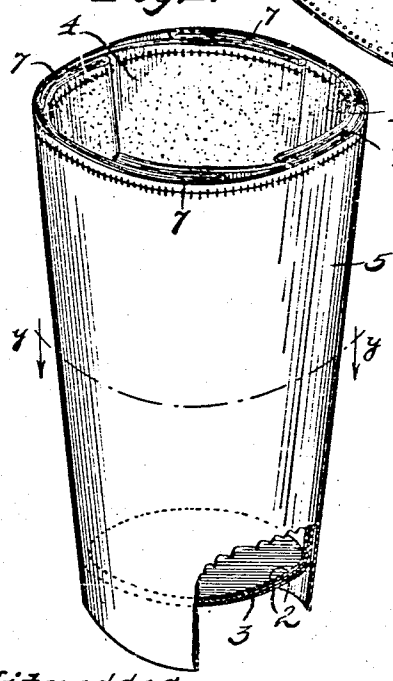


Fig. 2.

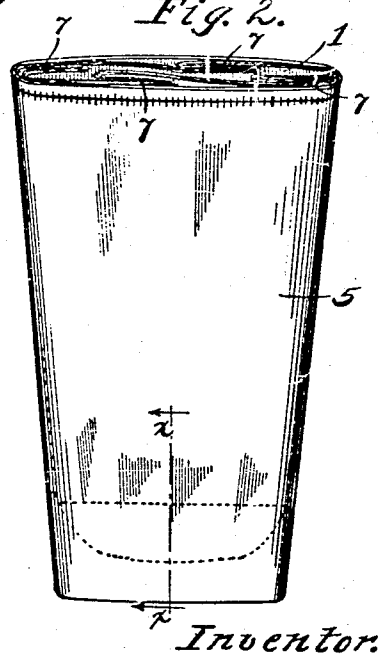
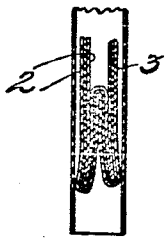


Fig. 3.



Witnesses:

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A. A. Olson

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2 SHEETS—SHEET 2.

Fig. 7.

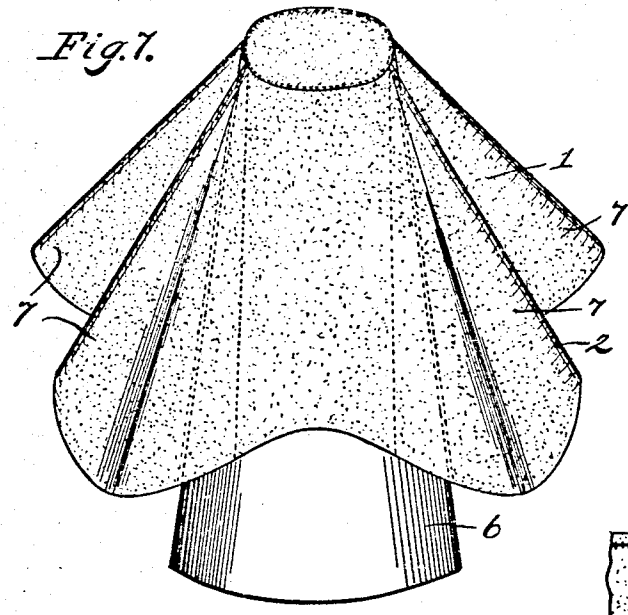


Fig. 6.

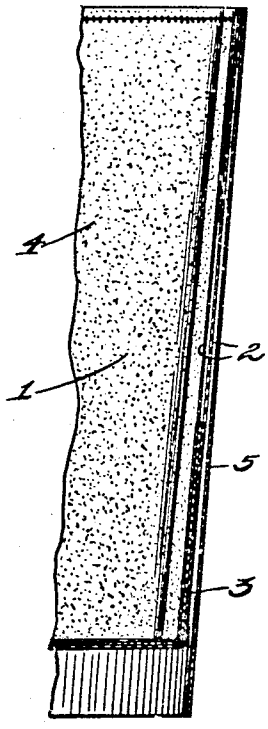
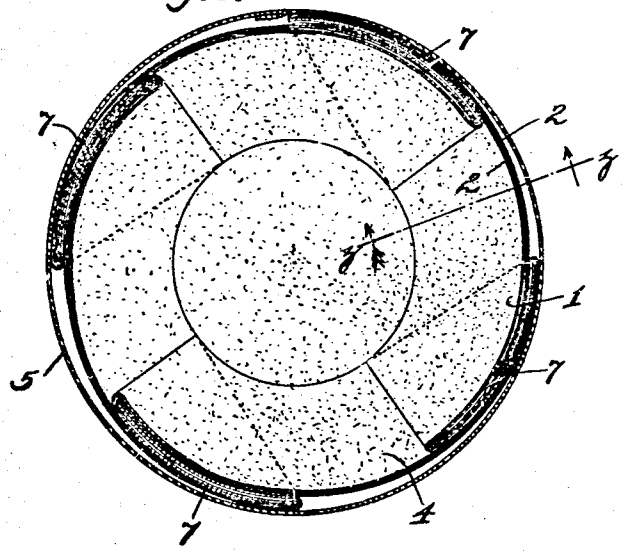


Fig. 5.



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UNITED STATES PATENT OFFICE.

MAX SHOLL, OF CHICAGO, ILLINOIS.

COLLAPSIBLE DRINKING-CUP.

957,264. Specification of Letters Patent. Patented May 10, 1910.

Application filed December 1, 1909. Serial No. 530,892.

To all whom it may concern:

Be it known that I, MAX SHOLL, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Collapsible Drinking-Cups, of which the following is a specification.

My invention relates to drinking cups and more specifically to that class thereof so constructed as to adapt the same to be collapsed or folded into a small compass for convenience in storage and transportation.

The object of my invention is the provision of a drinking cup of the character mentioned which can be folded so as to adapt the same for carriage in the pocket or an ordinary hand purse, which will be effectual in use, and of strong, durable and comparatively simple construction.

Other objects will appear hereinafter.

With these objects in view my invention consists in a collapsible drinking cup characterized as above mentioned and in certain details of construction and arrangement of parts all as will be hereinafter fully described and particularly pointed out in the appended claim.

My invention will be more readily understood by reference to the accompanying drawings, forming a part of this specification, and in which,

Figure 1 is a perspective view partially in section of my improved drinking cup showing the same in distended position, Fig. 2 is a similar perspective thereof in collapsed position, Fig. 3 is a slightly enlarged sectional detail taken on line *x*—*x* of Fig. 2, Fig. 4 is a perspective view of the comprising members of the cup proper unfolded, Fig. 5 is a slightly enlarged horizontal section taken on line *y*—*y* of Fig. 1, Fig. 6 is a slightly enlarged section on line *z*—*z* of Fig. 5, and Fig. 7 is a perspective view illustrating the method of constructing the body of the cup.

Referring now to the drawings, 1 indicates the inner or body portion of the cup. Comprised in said portion are preferably two similar originally flat substantially square flexible members 2, the same being formed preferably of a chemically pure suitable waterproof paraffin or oiled paper. Interposed centrally between said members 2 is a piece of chemically pure waterproof fabric 3 of dimensions considerably less than those of the members 2. The peripheral edge portions of said members 2 and 3 are bent upwardly and crimped to form the lateral substantially perpendicular, preferably slightly flaring, walls 4 of the cup. Inclosing the body 1, the same being secured as by stitching to the upper edge thereof is an outer tubular casing 5 of a foldable nature and possessing more rigidity and firmness than the members 2 and 3. In the formation of the body 1 a templet 6 of a frusto-conical shape is preferably employed. With such employment, the members 2 and 3 relatively arranged as before stated, are placed centrally upon the upper extremity of said templet. The peripheral edge portions of said members are then bent downwardly, as shown in Fig. 7, and crimped, this being readily effected by the fingers, at preferably four points designated as 7, as clearly shown in Fig. 5, into conformity with the contour of said templet. This being done the tubular casing 5 is slipped over said templet and members 2 and 3, whereupon the latter and the former, upon being removed from the templet, may be saved together as before stated. The upper edges of the members 2, in this arrangement it will be found, project in a ragged manner above the upper edge of the casing 5. By means of a pair of scissors or a like tool these edges may evidently be readily trimmed to register with said edge of said casing, as illustrated in the drawings. Said casing as seen preferably projects below the lower extremity of the body 1, whereby the bottom of the latter is protected against injury or puncture.

With the provision of a cup of such construction, the same by first upwardly indenting the bottom of the body 1 as shown in Fig. 3, may be readily longitudinally collapsed to a position as shown in Fig. 2, in which position the same may be readily inserted into the pocket or any other suitable place for carriage. By forming the body of the cup of two thicknesses of paper and the bottom thereof with an additional reinforcing thickness of fabric, the same will evidently not be readily susceptible to rupture or puncture, because of folding or creasing thereof. Further by the provision of the outer casing 5, the cup will be rendered rigid against vertical collapsion, also additional protection for the body 1 will thereby be provided.

While I have shown what I deem to be the

preferable form of my device I do not wish to be limited thereto as there might be various changes made in the details of construction and the arrangement of parts without departing from the spirit of the invention comprehended within the scope of the appended claim.

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

A collapsible drinking cup comprising an inner flexible substantially cylindrical body, said body consisting of a bottom, and lateral walls formed integral with said bottom, said bottom and lateral walls being formed of two originally flat sheets of flexible water-proof paper and an intermediate sheet of water-proof fabric interposed between the bottom-forming portions of said paper sheets, the said intermediate sheet being of less size than said other sheets, the peripheral edge portions of said sheets being crimped to form said lateral walls of said body; and a longitudinally foldable relatively rigid tubular casing inclosing said body and secured thereto at the upper edge thereof, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MAX SHOLL.

Witnesses:
HELEN F. LILLIS,
JOSHUA R. H. POTTS.