

W. W. E. BOYER.
DRINKING CUP.
APPLICATION FILED MAY 17, 1918.

1,297,994.

Patented Mar. 25, 1919.

Fig. 1.

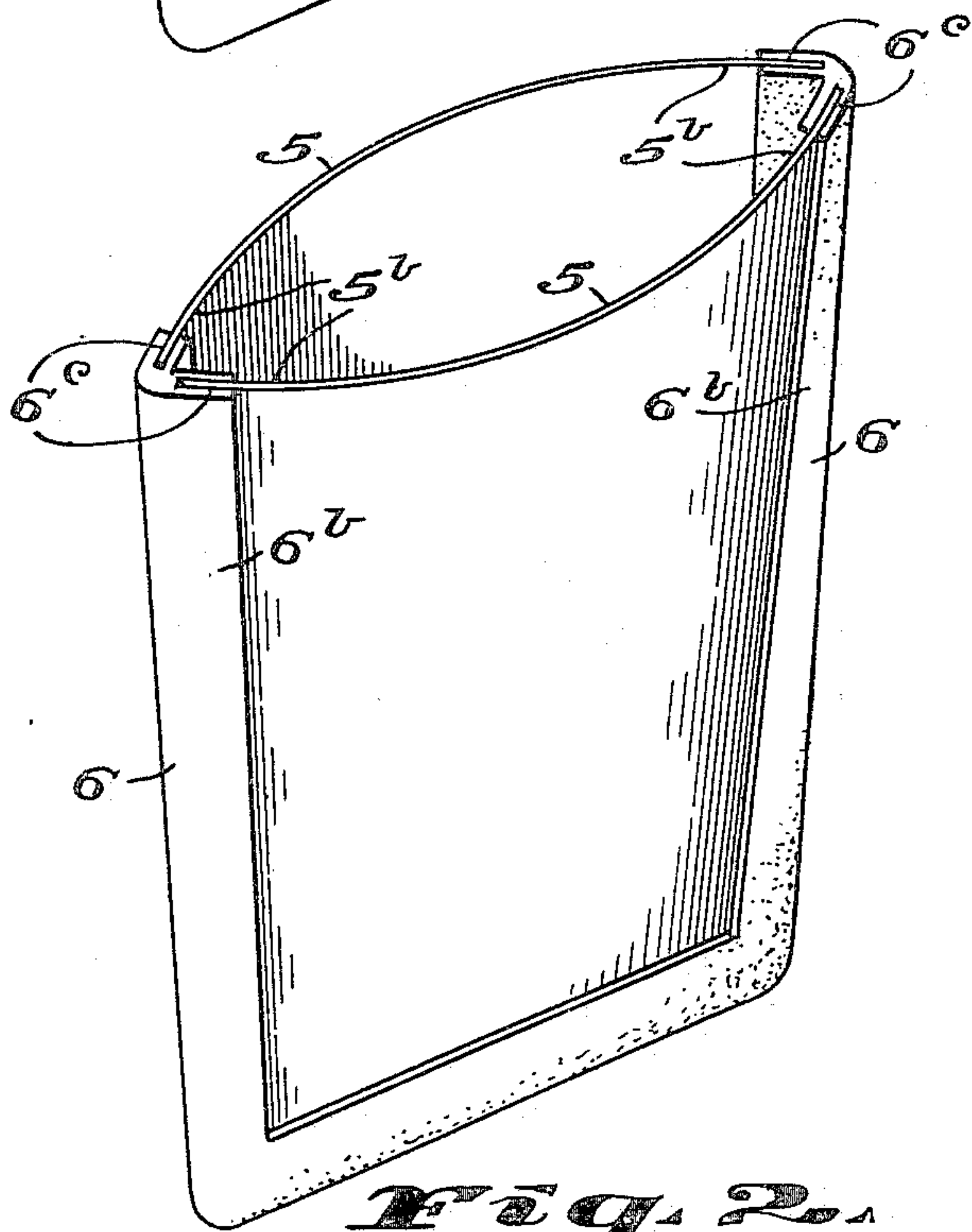
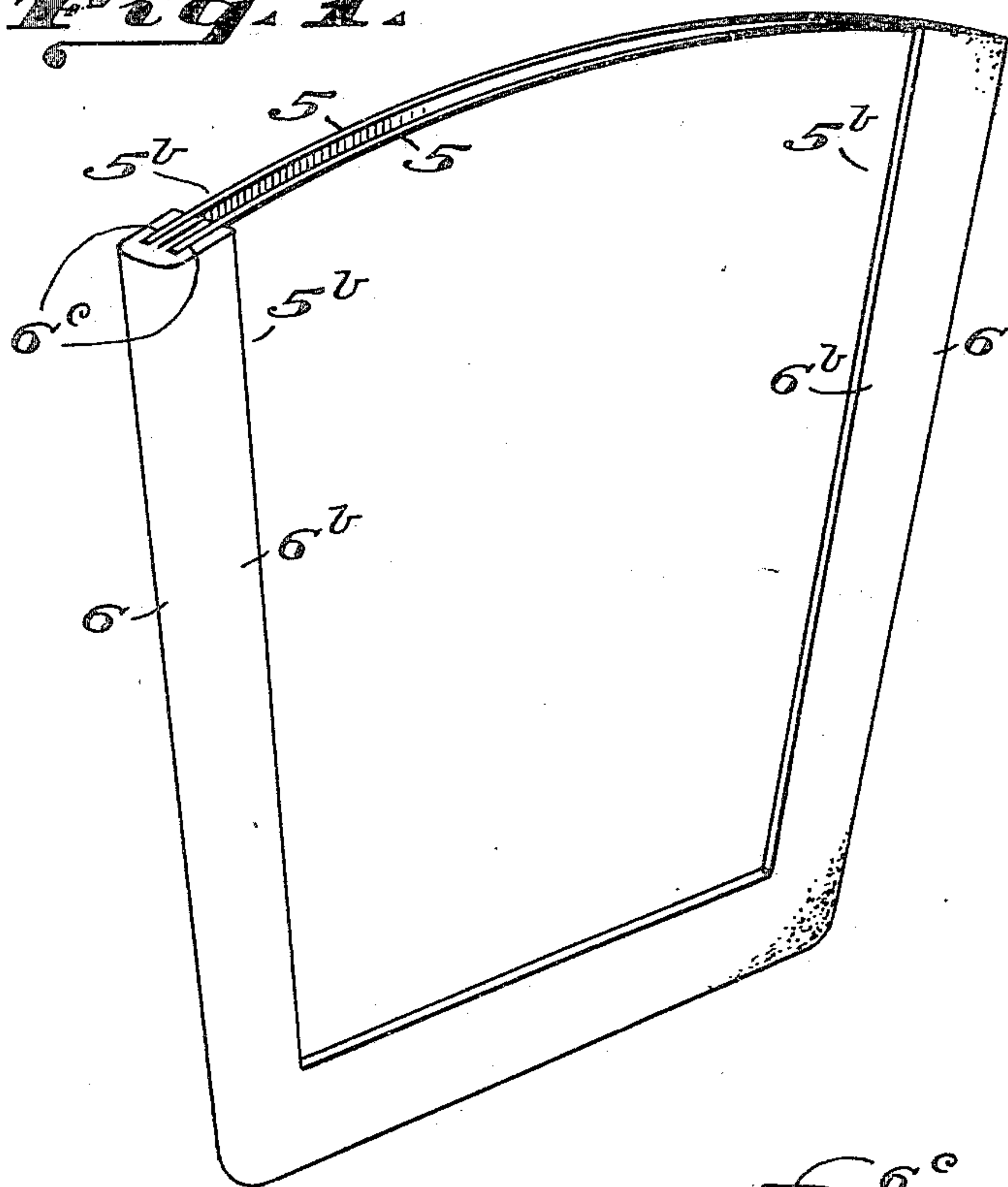


Fig. 2.

Fig. 3.

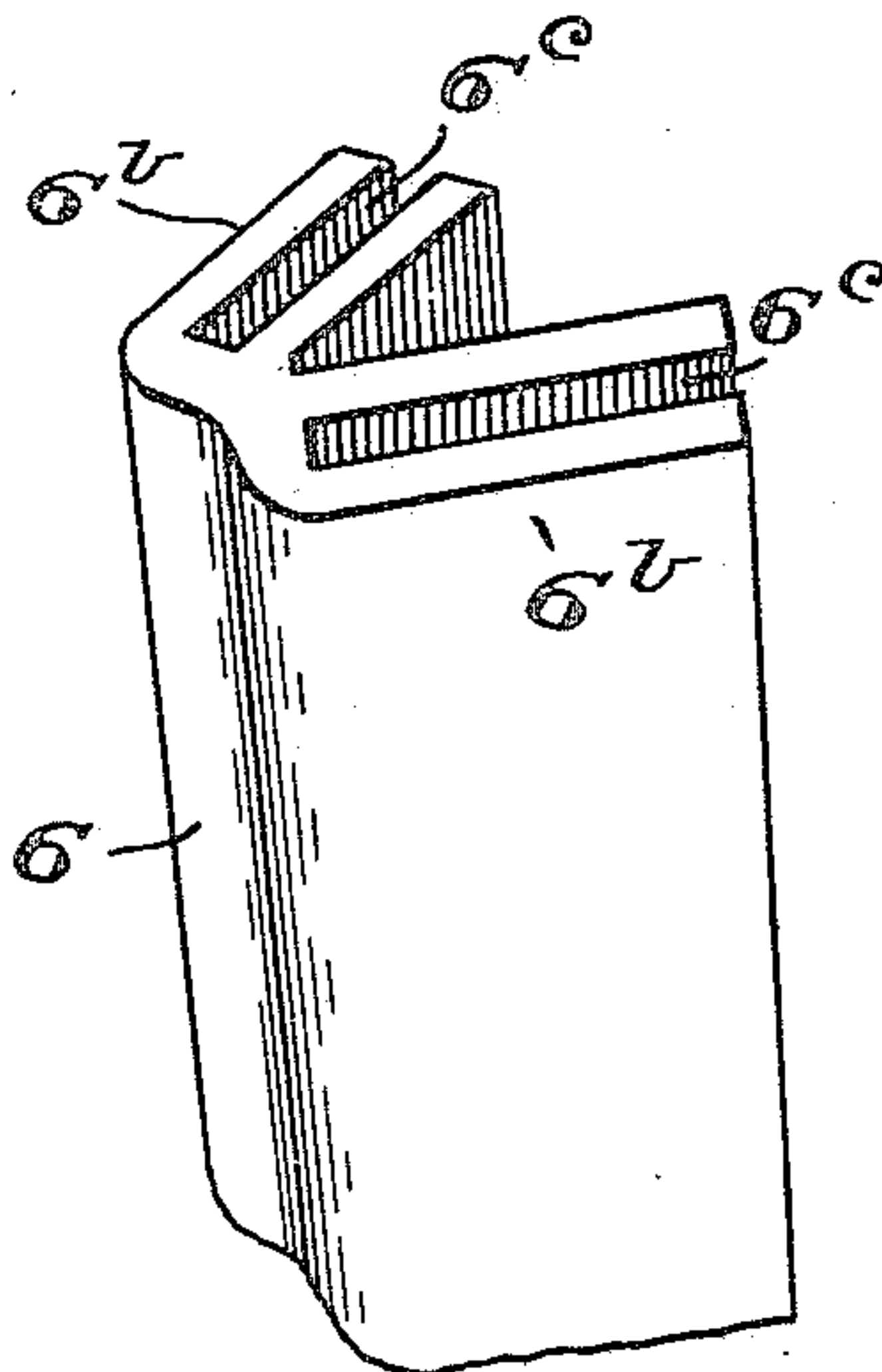
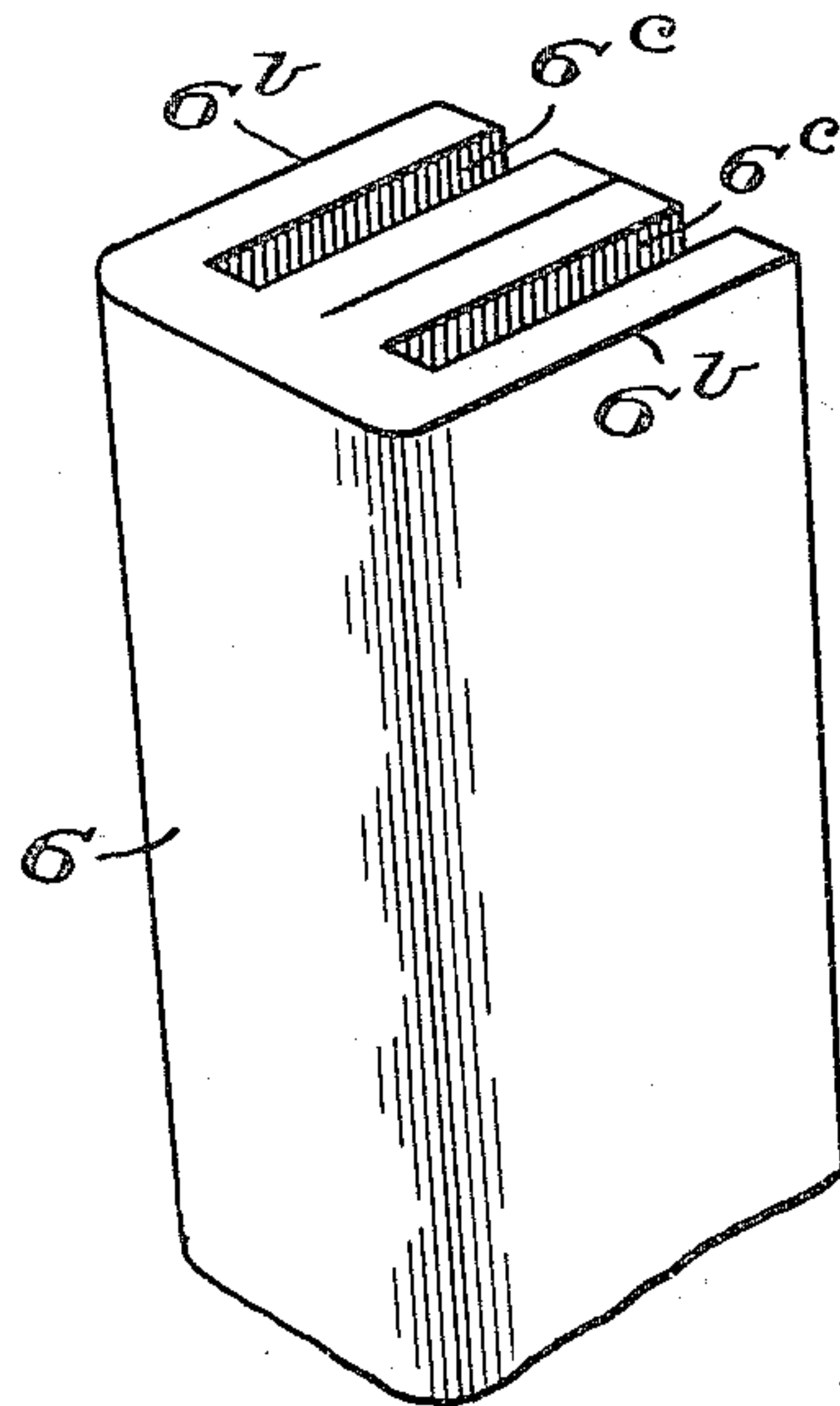


Fig. 4.

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UNITED STATES PATENT OFFICE.

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DRINKING-CUP.

1,297,994.

Specification of Letters Patent.

Patented Mar. 25, 1919.

Application filed May 17, 1918. Serial No. 235,176.

To all whom it may concern:

Be it known that I, WILLIAM W. E. BOYER, a citizen of the United States, and a resident of Oklahoma, in the county of Oklahoma and State of Oklahoma, have invented certain new and useful Improvements in Drinking-Cups, of which the following is a specification, reference being had to the accompanying drawings.

10 The invention pertains to drinking cups of the collapsible class, the object being to provide a cup of this class which will be more durable and whose walls will form a better and more convenient seat for the lips
15 in drinking.

Figure 1 of the drawings is a perspective view showing the cup in its collapsed form.

Fig. 2 shows the cup opened up.

20 Fig. 3 is a view at closer range, showing the binding used to secure the walls of the cup together.

Fig. 4 is a reproduction of Fig. 3, but with the binding opened.

25 All the figures are perspectives taken in the same direction, and like characters of reference designate like parts in all of them.

30 The cup includes two side walls 5 of sheet celluloid or other material with elasticity enough to return to normal collapsed position after each use, and which is stiff and strong enough to form a solid and agreeable seating for the lips in drinking.

35 Since repeated opening and closing of the celluloid sides 5 on a folding line would soon break them at said line, the inventor pro-

vides a binding 6 of rubber or other suitable resilient material and employs said binding to secure or "hinge" the edges 5^b of the sides together.

This binding 6, best shown in Figs. 3 and 4, is substantially U-shaped in cross-section, each arm 6^b of the U being deeply grooved, as at 6^c, and adapted to straddle the edges 5^b of its respective side 5 of the cup.

This binding 6, while being substantially 45 U-shaped in cross-section, is also substantially U-shaped in general form, so as to extend along the bottom and up both edges of the cup.

The edges 5^b of the two sides 5 are held in 50 the grooves 6^c of the binding 6 by suitable cement.

The elastic binding 6, operating as a hinge, allows the cup to be opened and collapsed hundreds of times without breaking or even 55 cracking.

The following is claimed:—

A cup including two normally flat walls of elastic material, the edges of said walls being secured together by a binding of re- 60 silient material adapted to act as a hinge in allowing the opening and collapsing movements of the cup, the binding being substantially U-shaped in cross-section and having each of its arms grooved, the edges of the 65 sides being inserted in the grooves and being held therein by cement.

Witness my hand this 24th day of April, 1918.

WILLIAM W. E. BOYER.