

No. 630,726.

Patented Aug. 8, 1899.

J. H. MORROW.
HEEL RUBBER.

(Application filed Feb. 18, 1899.)

(No Model.)

Fig 1

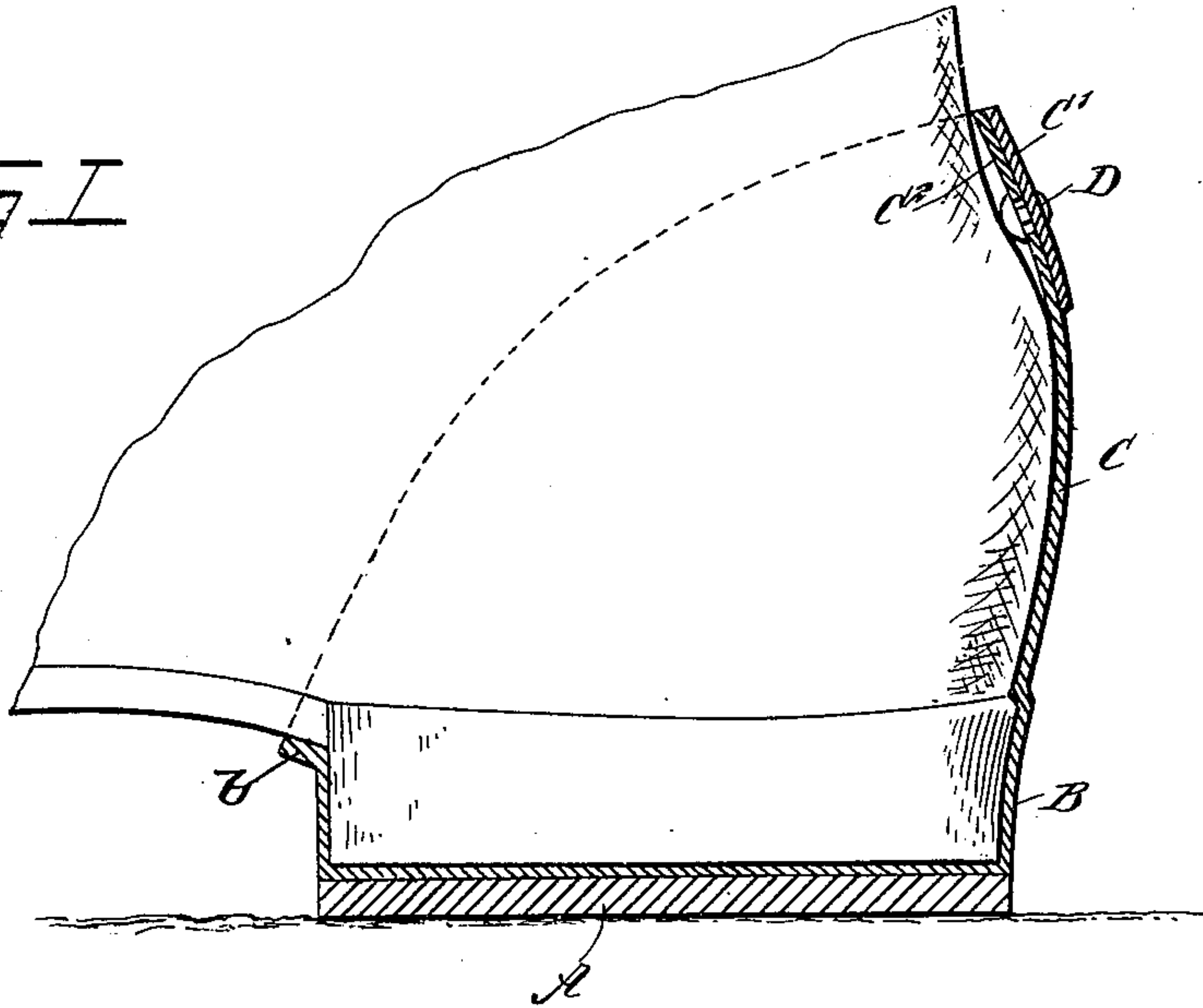


Fig 2

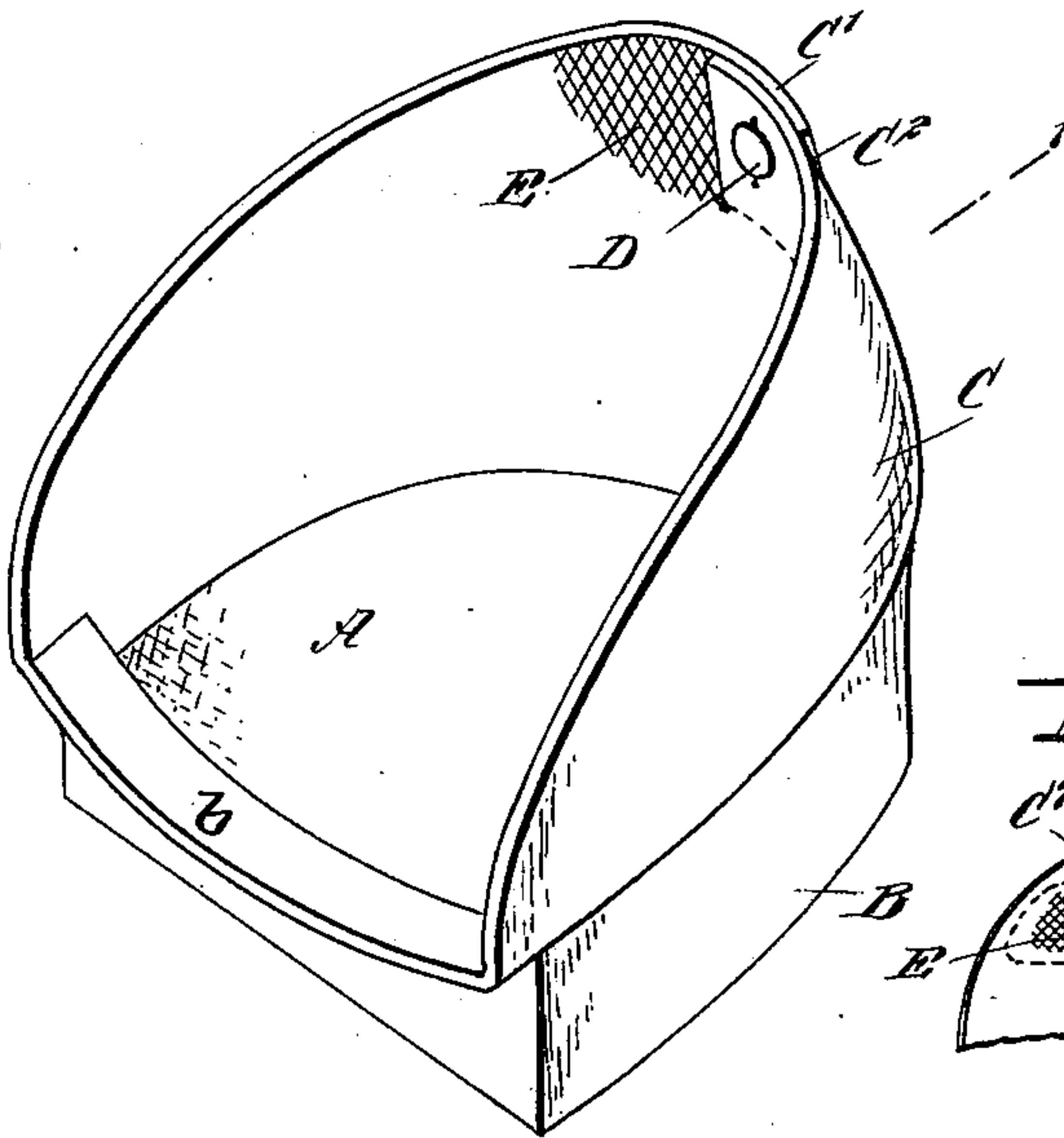


Fig 4

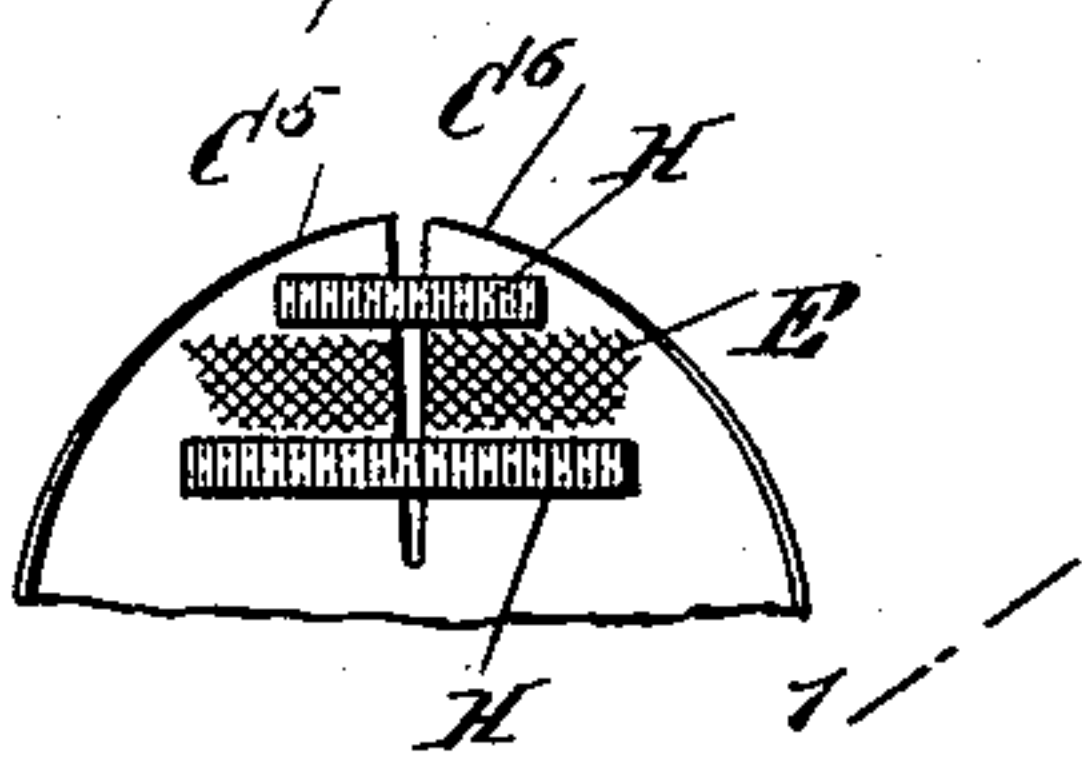


Fig 5

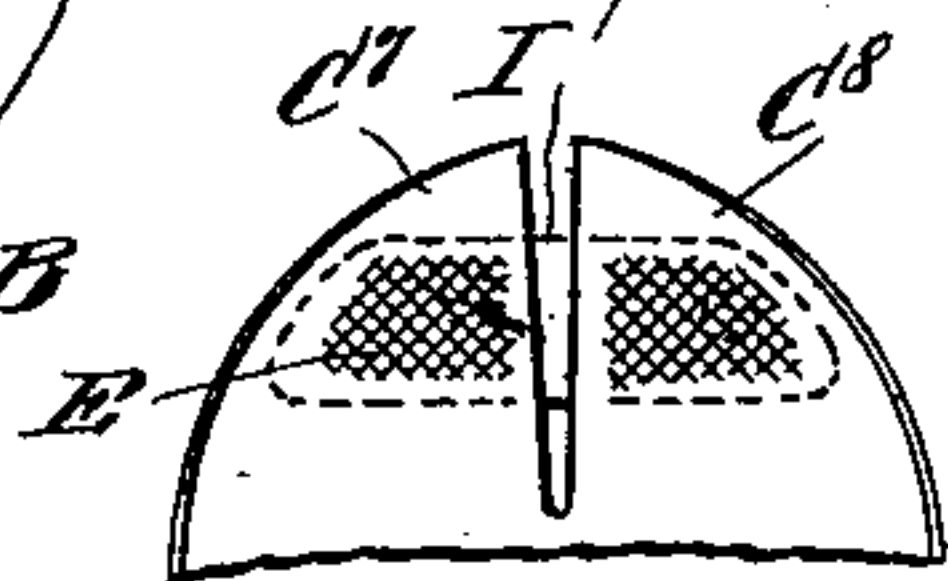
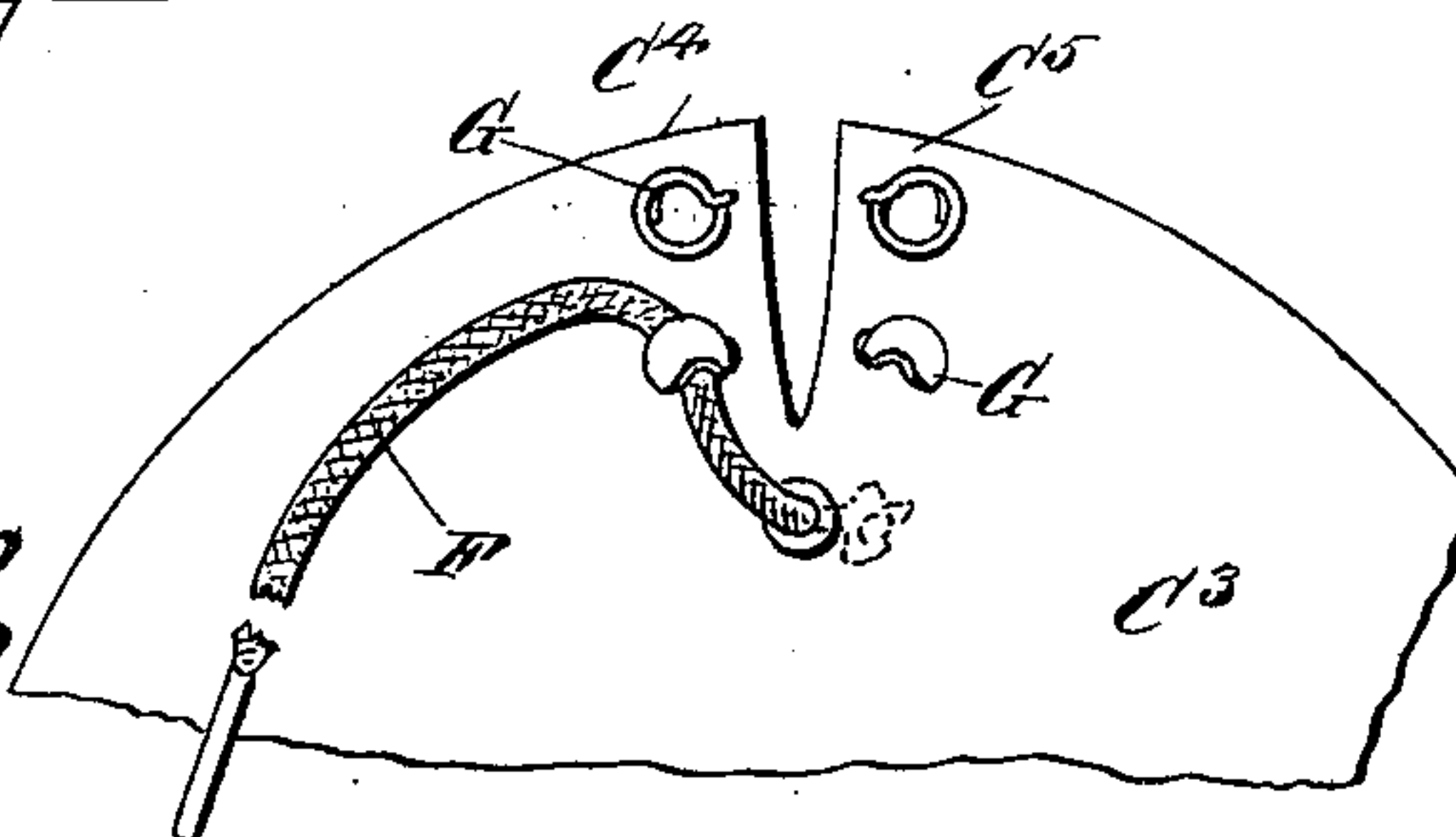


Fig 3



WITNESSES:

H. Walker
Geo. H. H. H.

INVENTOR

John H. Morrow

BY

Murray
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN H. MORROW, OF CHICAGO, ILLINOIS.

HEEL-RUBBER.

SPECIFICATION forming part of Letters Patent No. 630,726, dated August 8, 1899.

Application filed February 18, 1899. Serial No. 706,002. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. MORROW, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Heel-Rubber, of which the following is a full, clear, and exact description.

The invention relates to heel-rubbers such as shown and described in the application for Letters Patent of the United States, Serial No. 678,732, filed by me on April 25, 1898, and allowed on December 29, 1898.

The object of the present invention is to provide a new and improved heel-rubber arranged to be conveniently and quickly attached to the heel of a shoe or boot to prevent persons when walking on ice or on slippery sidewalks or other places from slipping and falling.

The invention consists of novel features and parts and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

A practical embodiment of my invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a sectional side elevation of the improvement on the line 1 1 in Fig. 2 and as applied to a shoe. Fig. 2 is a perspective view of the improvement. Fig. 3 is a rear elevation of a modified form of improvement. Fig. 4 is a reduced end view of a modified form of the improvement, and Fig. 5 is a similar view of another modified form of the same.

The improved heel-rubber illustrated in Figs. 1 and 2 consists of a bottom A, conforming approximately in shape to the under surface of the heel of a shoe or boot on which the heel-rubber is to be used, a heel-flange B, rising from the bottom A and adapted to extend around the heel of the shoe or boot, said heel-flange being formed with a flange *b*, projecting forwardly from its front upper edge, and a counter C, rising from the heel-flange B and having its front portion extending beyond the front of the heel-flange and connected with the flange *b* of the said heel-flange, the said counter being adapted to engage a portion of the counter of the shoe or boot, as plainly shown in Fig. 2.

The upper portion of the counter C is split

and formed with flaps C' C², adapted to overlap one another and adapted to be fastened together by a suitable fastening device, preferably in the shape of a button and socket D, to securely fasten the drawn flaps together and prevent the heel-rubber from becoming accidentally detached from the shoe or boot. The inner surface of one or both flaps C' C² is preferably roughened, as at E, to increase the hold of the counter C on the shoe or boot.

Instead of having the overlapping flaps C' C² I may split the upper end of the counter C³, as shown in Fig. 3, to form two flaps C⁴ C⁵, adapted to be drawn together by a lacing-string F, secured at one end to the counter and adapted to engage hooks G on the said flaps C⁴ C⁵, the hooks being of any approved construction.

The flaps C⁵ C⁶ (shown in Fig. 4) are connected with each other by elastic bands H, which readily give when applying the heel-rubber on the shoe or boot and serve to securely hold the flaps in contact with the shoe or boot to hold the heel-rubber in position. In the modified form shown in Fig. 5 use is made of a band I, secured to one flap C⁷ and adapted to be buttoned or otherwise secured to the other flap C⁸.

It is understood that when the flaps C' C² or C⁴ C⁵ C⁶ C⁷ C⁸ are open or opened by pulling the flaps C⁵ C⁶ apart against the tension of the elastic bands H the heel-rubber can be readily attached to the shoe or boot, and then the flaps are fastened together to securely draw the heel-rubber in place and to prevent the same from becoming accidentally detached from the shoe or boot.

I do not limit myself to the particular means shown for fastening the flaps together, as the same may be varied without deviating from the spirit of my invention.

The device is very simple and durable in construction and is preferably made completely of rubber, the bottom A, flange B, and counter C being integral—that is, molded in one piece.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. As a new article of manufacture, a heel-rubber, comprising a bottom, a heel-flange rising from the bottom and extending around

the same, and a counter rising from the heel-flange and having its rear upper portion split, forming flaps, and provided with a fastening device for drawing the flaps toward each other 5 and securing them together, whereby the upper portion of the counter can be contracted to hold the rubber on a boot or shoe, as set forth.

2. As a new article of manufacture, a heel- 10 rubber consisting of a bottom, a heel-flange rising from the bottom and extending around the same, the said heel-flange being provided with a flange *b* projecting from its upper front

edge, a counter rising from the heel-flange and having its front portion projecting be- 15 yond the front of the heel-flange and connected with the forwardly-projecting flange thereof, said counter having its upper rear portion split and formed with overlapping flaps and a fastening device for drawing the flaps to- 20 gether to contract the upper portion of the counter, as set forth.

JOHN H. MORROW.

Witnesses:

ALEXIS P. SOYER,
JAS. W. HARKINS.