

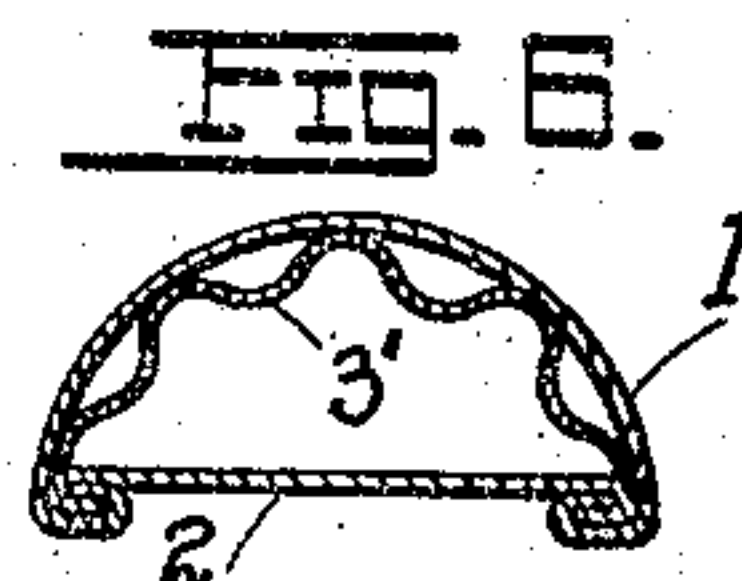
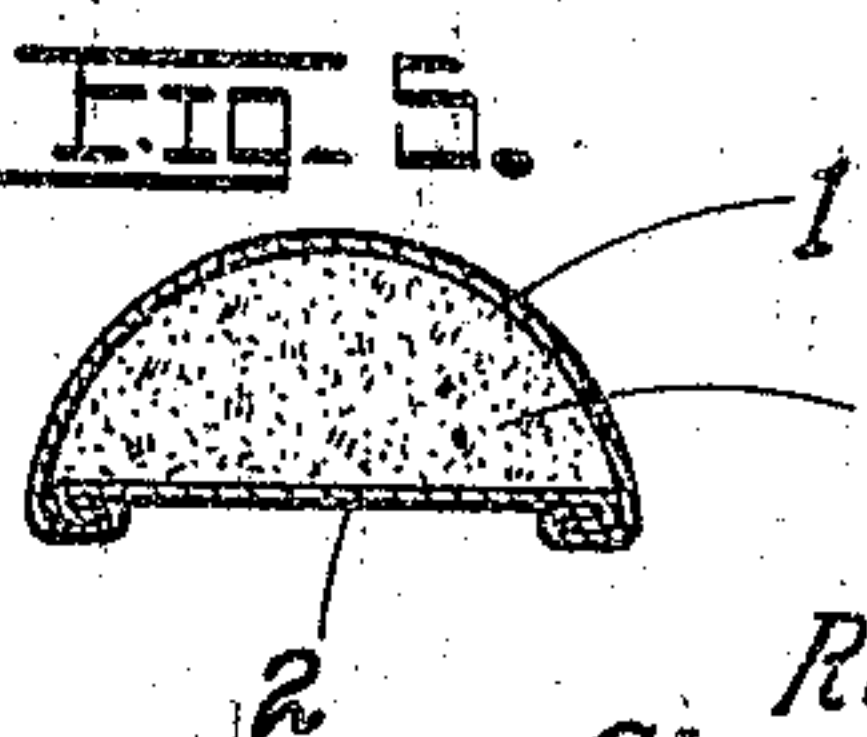
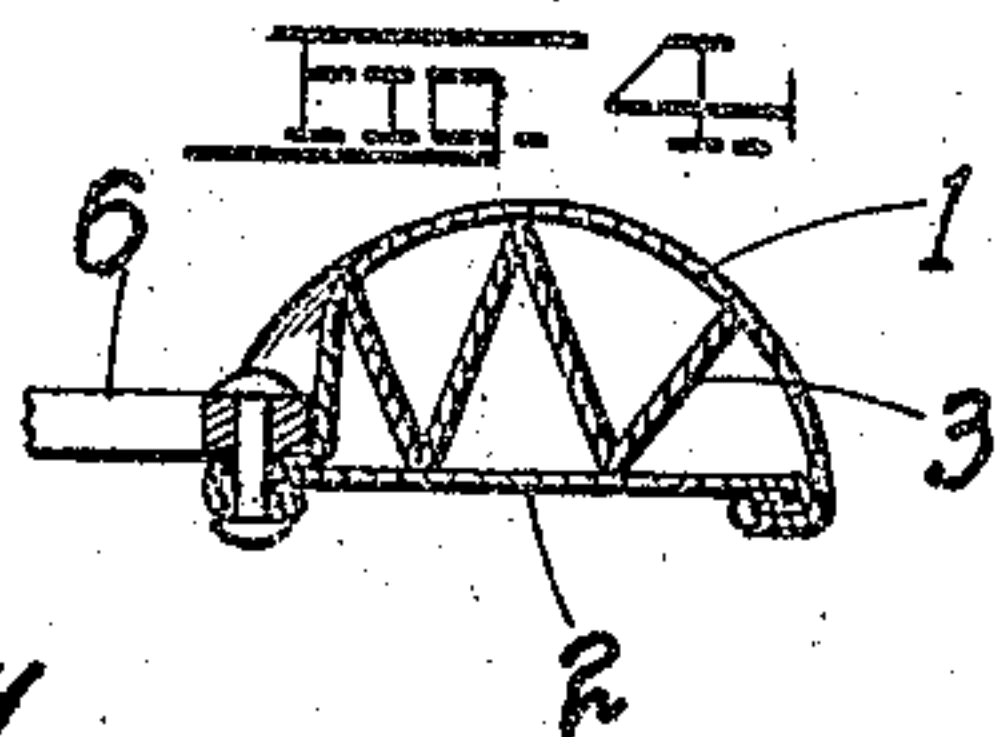
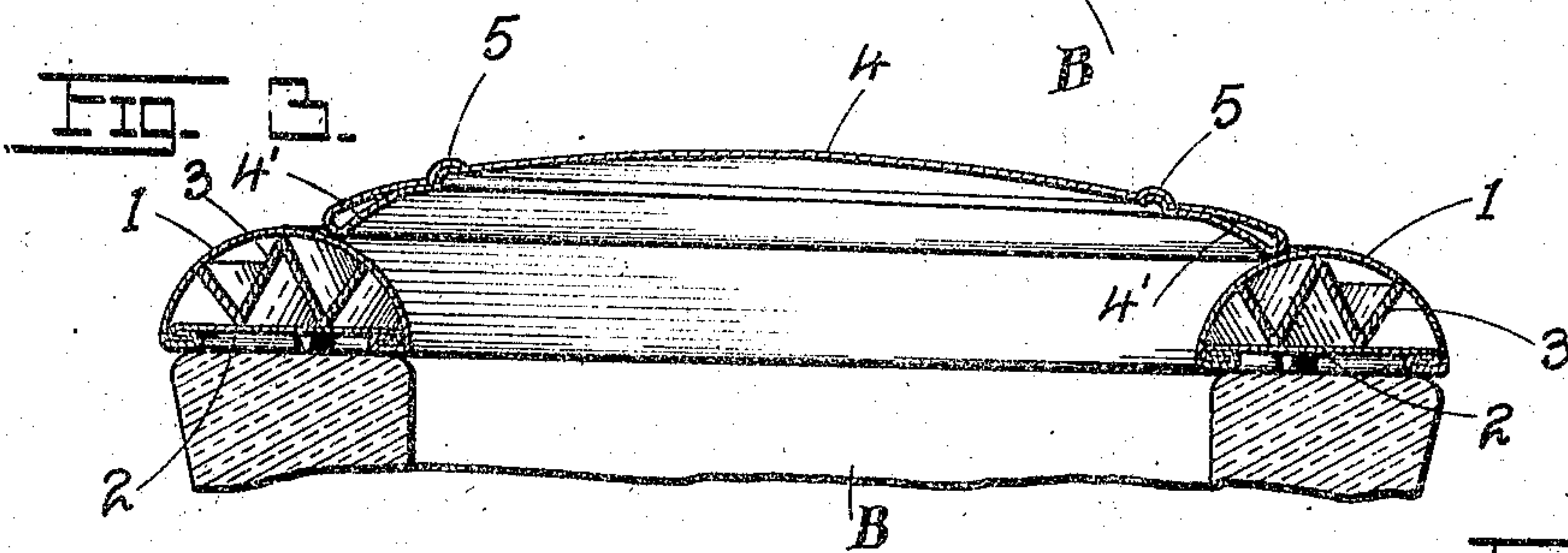
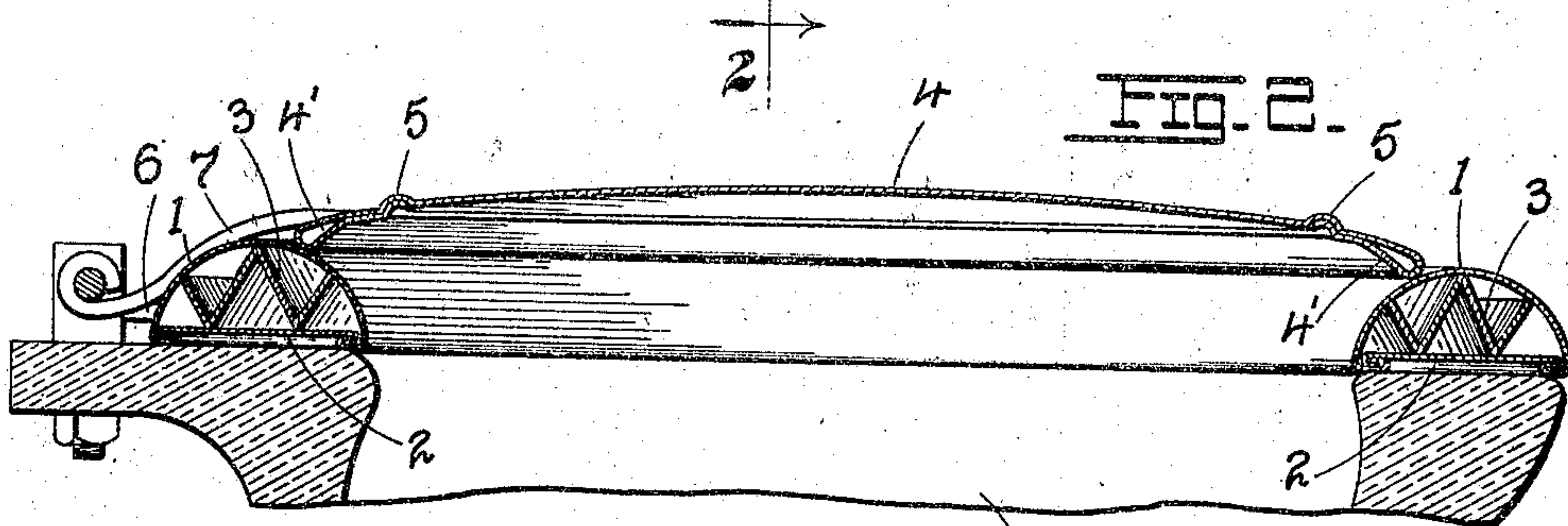
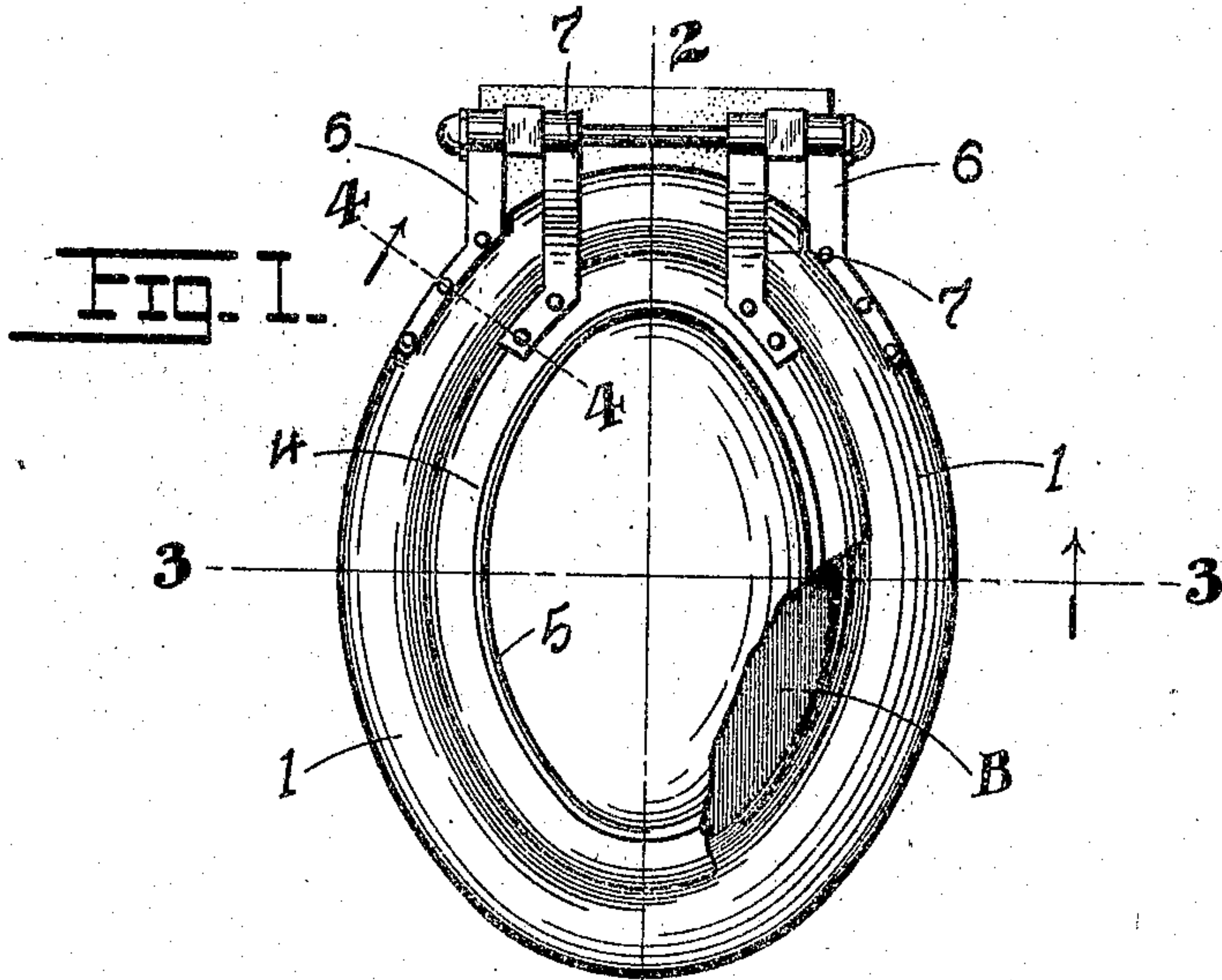
No. 848,043.

PATENTED MAR. 26, 1907.

R. McCORD & C. O. CUNNINGHAM.

CLOSET SEAT.

APPLICATION FILED MAY 11, 1906.



WITNESSES:

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RALPH McCORD AND CLARENCE O. CUNNINGHAM, OF ST. LOUIS, MISSOURI.

CLOSET-SEAT.

No. 848,043.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed May 11, 1906. Serial No. 316,316.

To all whom it may concern:

Be it known that we, RALPH McCORD and CLARENCE O. CUNNINGHAM, citizens of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Closet-Seats, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

Our invention has relation to improvements in closet-seats; and it consists in the novel construction of seat to be more fully set forth in the specification and pointed out in the claims.

In the drawings, Figure 1 is a top plan of the seat with portion of lid removed. Fig. 2 is a vertical longitudinal section on line 2 2 of Fig. 1. Fig. 3 is a vertical cross-section on line 3 3 of Fig. 1. Fig. 4 is a cross-sectional detail on line 4 4 of Fig. 1. Fig. 5 is a cross-section of a seat having a suitable filler, and Fig. 6 is a cross-section of a seat having a modified form of an inner reinforcing-plate.

The object of our invention is to construct a closet-seat which will not be open to the objection of warping and splitting, so characteristic of wooden seats.

A further object is to construct a seat which shall be light, cheap, durable, and one possessing further and other advantages, better apparent from a detailed description of the invention, which is as follows:

Referring to the drawings, and particularly to Figs. 1 to 4, inclusive, 1 represents the upper convex section (preferably metallic) of a hollow seat, and 2 the plane bottom section, the two being assembled and united in any suitable mechanical manner, but preferably by folding and clenching the edges thereof, as shown in the drawings. The sections are preferably made of thin sheet metal, and in order to properly reinforce the upper section 1 against the weight it is designed to carry we provide the chamber of the hollow seat with a corrugated metal sheet 3, which

takes up and properly distributes the strains to which the section 1 is subjected. The lid 4 is likewise formed of sheet metal, being reinforced by a stiffening bead or groove 5, which receives the free edge of the marginal inwardly-folded portion 4', as shown in the drawings. The seat is provided with the usual hinge-straps 6 and the lid with similar hinge-straps 7 of ordinary construction.

In lieu of the reinforcing member 3 we may employ a suitable heat-non-conducting filler 8, of mineral wool, plaster-of-paris, or the like, as shown in Fig. 5, or, as shown in Fig. 6, we may employ a corrugated sheet 3', following the contour of the section 1. In fact, the reinforcing member may assume a variety of forms or compositions without departing from the nature or spirit of our invention.

A seat construction as shown (preferably of sheet metal, though any other material or composition would answer) is light and cannot warp or split, and thus permanently retains its shape and is always comfortable to sit on.

Having described our invention, what we claim is—

1. In combination with a closet-seat, a sheet-metal lid having a reinforcing bead or groove, the margin of the sheet being bent inward against the body of the sheet and brought with its free edge into the groove aforesaid, substantially as set forth.

2. A hollow sectional closet-seat composed of an upper convex member and a plane bottom member coupled thereto and forming a hollow shell therewith, and an inner corrugated stiffening member or filler for reinforcing the convex member of the shell, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

RALPH McCORD.

CLARENCE O. CUNNINGHAM.

Witnesses:

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