

No. 628,802.

Patented July 11, 1899.

J. HERRMANN.
WATER CLOSET SEAT.
(Application filed Aug 18, 1898.)

(No Model.)

Fig. 1.

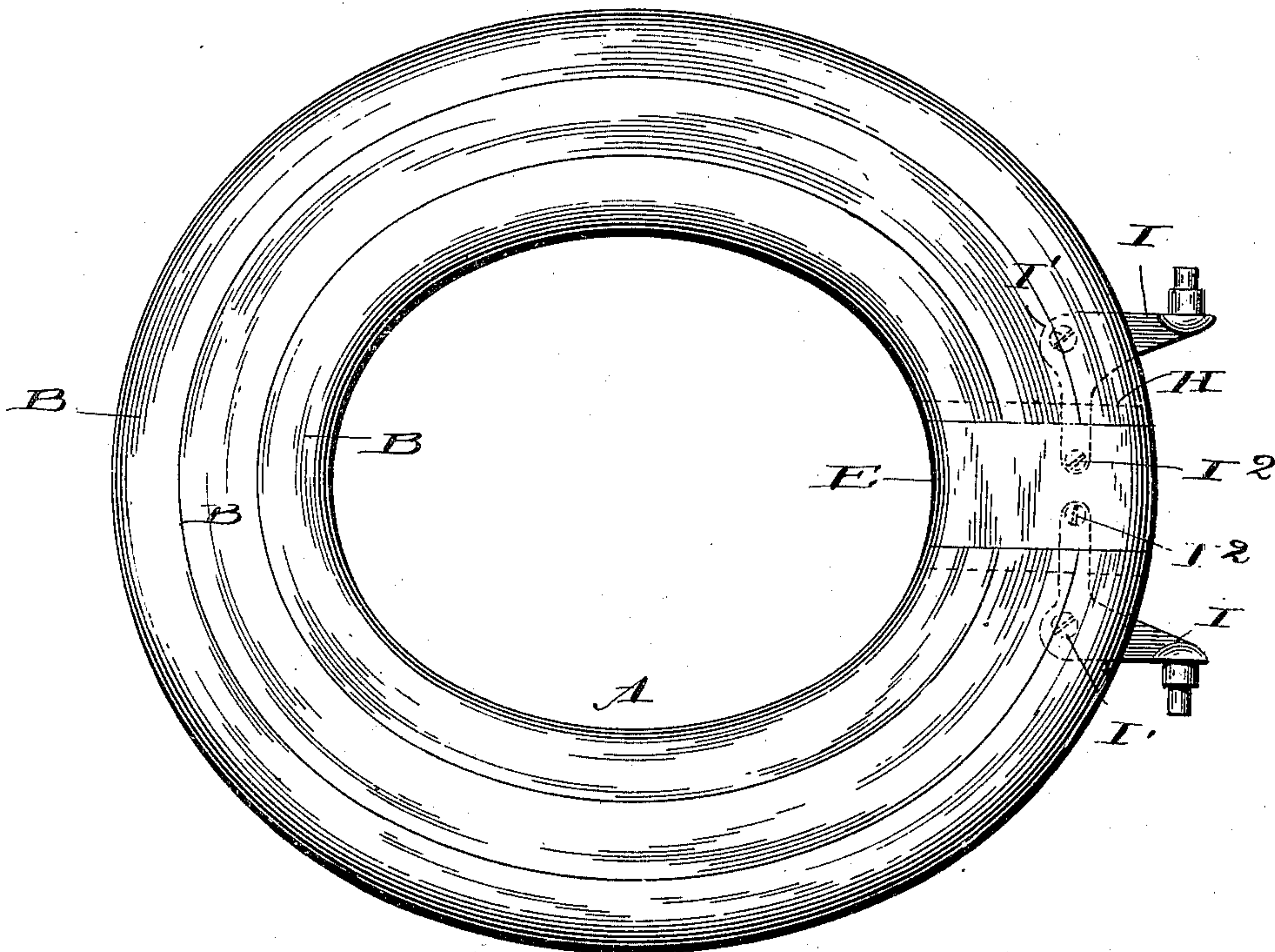


Fig. 2.

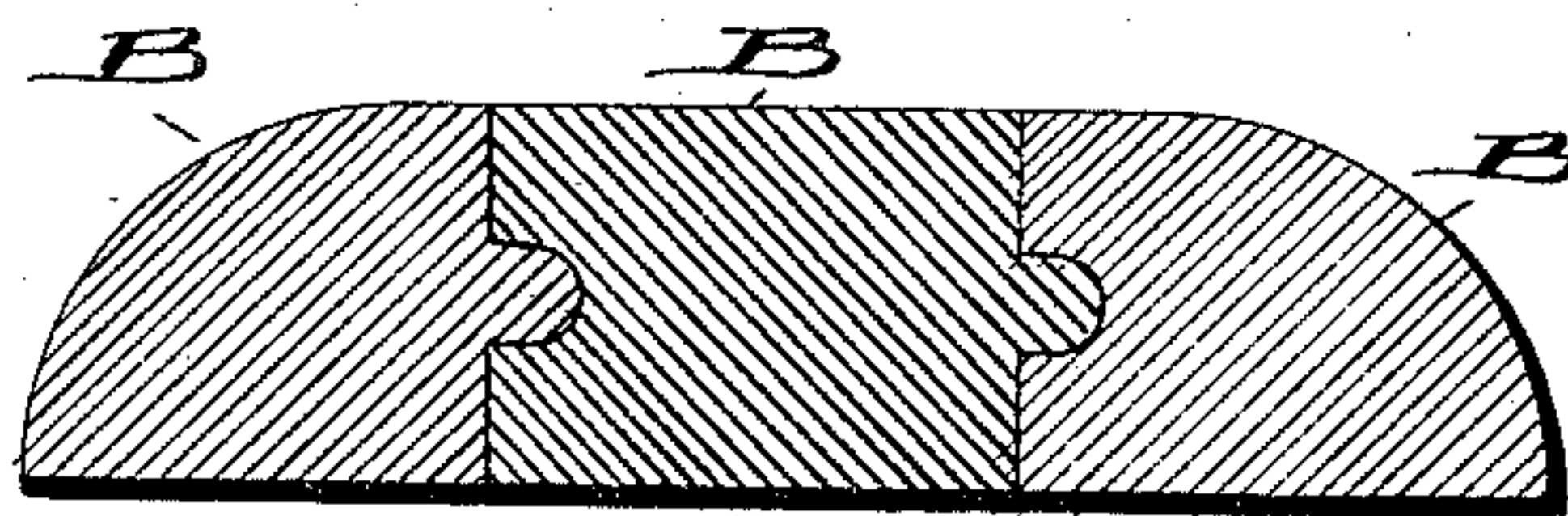
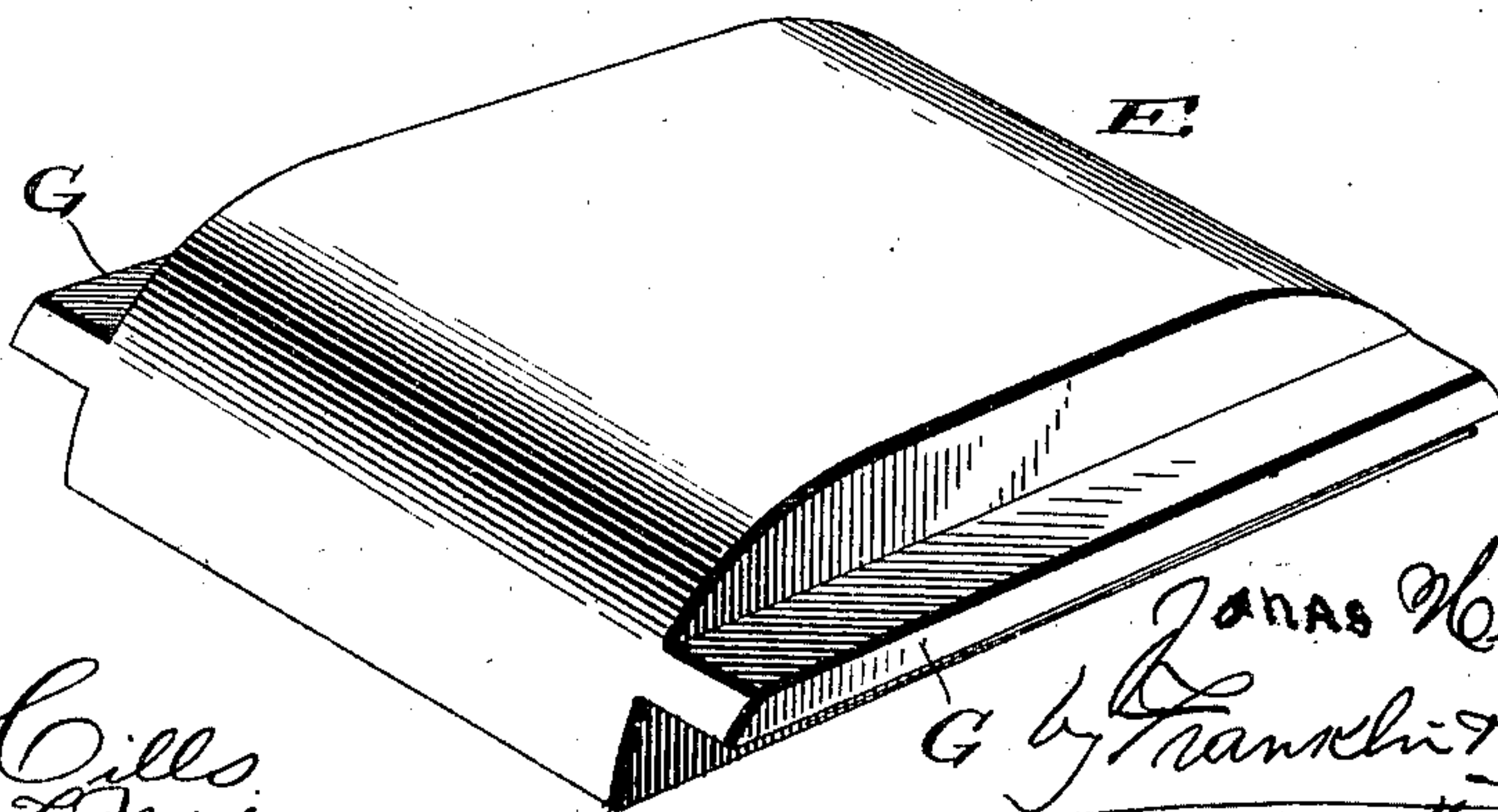


Fig. 3.



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JONAS HERRMANN, OF COLUMBUS, OHIO.

WATER-CLOSET SEAT.

SPECIFICATION forming part of Letters Patent No. 628,802, dated July 11, 1899.

Application filed August 18, 1898. Serial No. 688,911. (No model.)

To all whom it may concern:

Be it known that I, JONAS HERRMANN, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Water-Closet Seats; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in seats for water-closets.

Water-closet seats, owing to the fact that they are located in close proximity to the water, are, unless properly constructed, liable to warp and split, and, in case the seat is hinged and adapted to be thrown back when not in use, soon, from frequent jar resulting from being carelessly thrown up and down, the seat becomes useless.

My invention has for its essential object the provision of a water-closet seat so constructed as to prevent the possibility of warping or splitting.

A further object of the invention resides in the peculiar feature of construction whereby the end of the grain of the wood is not exposed, thus preventing moisture from entering or being absorbed by the sap-pores.

To these ends and to such others as the invention may pertain the same consists in the peculiar construction and in the novel combination, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the accompanying drawings, and then specifically defined in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, like letters of reference indicating the same parts throughout the several views, and in which drawings—

Figure 1 is a plan view of a water-closet seat embodying my invention. Fig. 2 is a section upon the line *xx* of Fig. 1. Fig. 3 is

an enlarged detail in perspective of the key or locking-section of the seat.

Reference now being had to the details of the drawings by letter, A designates the seat, which is made in the usual elliptical form and of such size as may be desired or may be found the best adapted to suit the closet to which it is to be applied. The seat is composed of a series of strips of wood B B, having their respective side edges provided with interlocking tongues and grooves C and D, as shown. These interlocked strips are bent to conform to the shape of the seat, and the ends of the strips are connected by means of a locking-section or key-piece E. This key-piece E, as will be observed upon reference to the drawings, consists of a piece of suitable hard wood cut across the grain. The ends of the wood which constitute the side edges of the section are provided with tongues G, which engage corresponding grooves H, which are provided for their reception in the ends of the connected strips B of which the body portion of the seat is composed.

It will be seen that by the construction which I have described a seat is provided in which at no point is the end of the wood exposed to the action of moisture. The sections of which the seat is composed are securely locked in place and held against warping, checking, or splitting, and it will be noted, further, that in the construction of my seat I dispense entirely with the use of stay-bolts or metallic brace-rods of any kind.

The seat is hinged by means of brackets I, secured to the underface of the seat. These brackets carry at the ends of their outer arms pintles, as shown, and the body portion of the bracket is secured by means of screws I' at points adjacent to the key-piece E, and the ends of the body portion of the brackets extend beneath the key-piece upon either side and are secured thereto by means of screws I². It will be seen that by this construction the body portion of the brackets I serve to strengthen the parts and to hold the key-piece E securely in position and prevent the same from becoming loosened or being accidentally detached. I do not in this application claim, broadly, a water-closet seat constructed of sections of wood bent into substantially oval

form and provided with interlocking tongues and grooves, this being the subject of a claim embraced in an application filed by me upon April 11, 1896, Serial No. 587,082, now Patent No. 623,016.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

A closet-seat comprising an inner portion provided with a groove, a middle portion provided on one side with a tongue and the other with a groove, an outer portion provided with

a tongue and a short locking portion, the said three portions being superimposed upon and interlocked with each other, and with the locking portion at their ends and secured firmly together with screws and glue, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JONAS HERRMANN.

Witnesses:

ORESTES A. B. SENTER,
W. E. HOLCOMBE.