

No. 641,112.

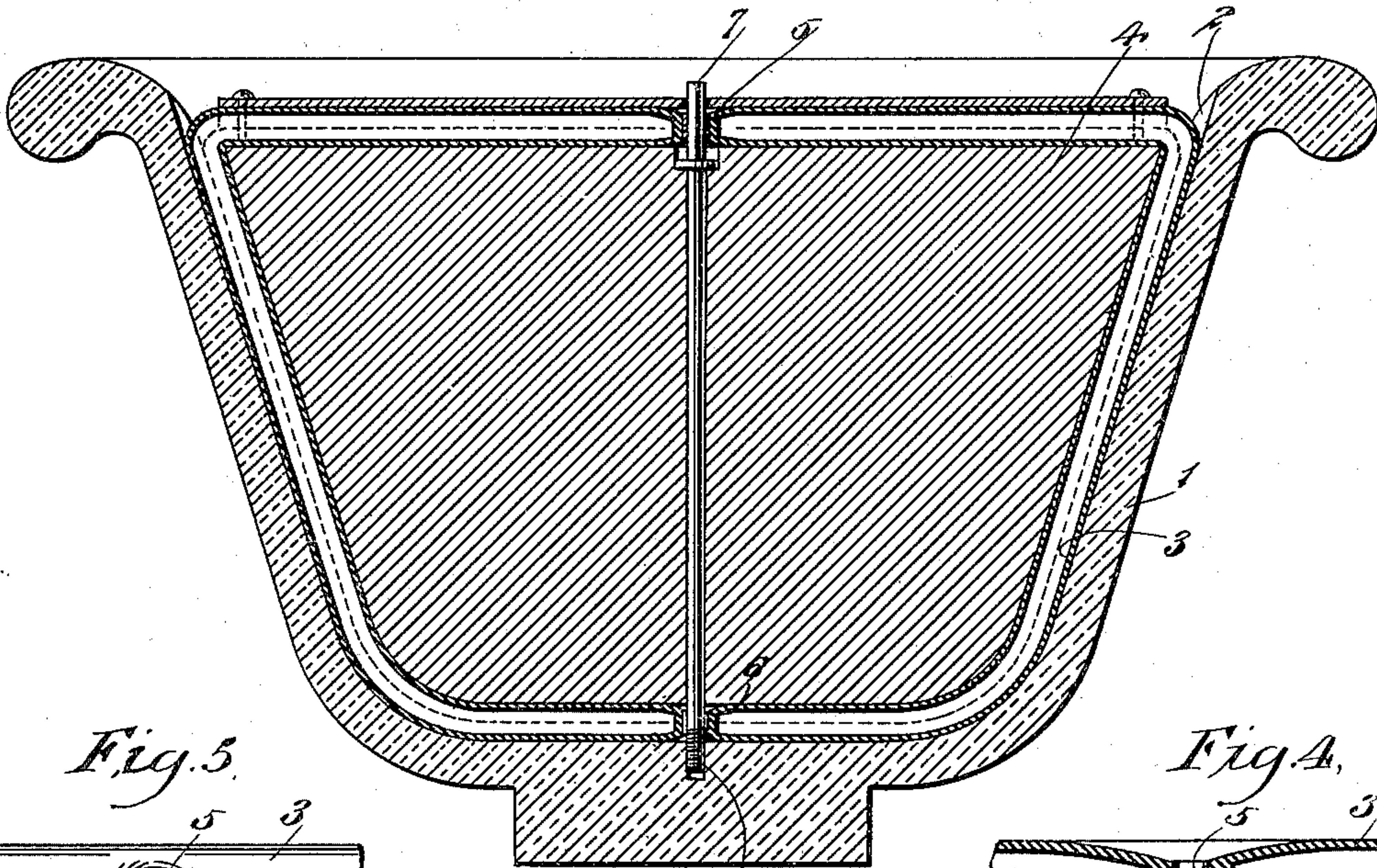
Patented Jan. 9, 1900.

N. F. HURDEL.  
CONVERTIBLE TUB.

(Application filed Feb. 7, 1899.)

(No Model.)

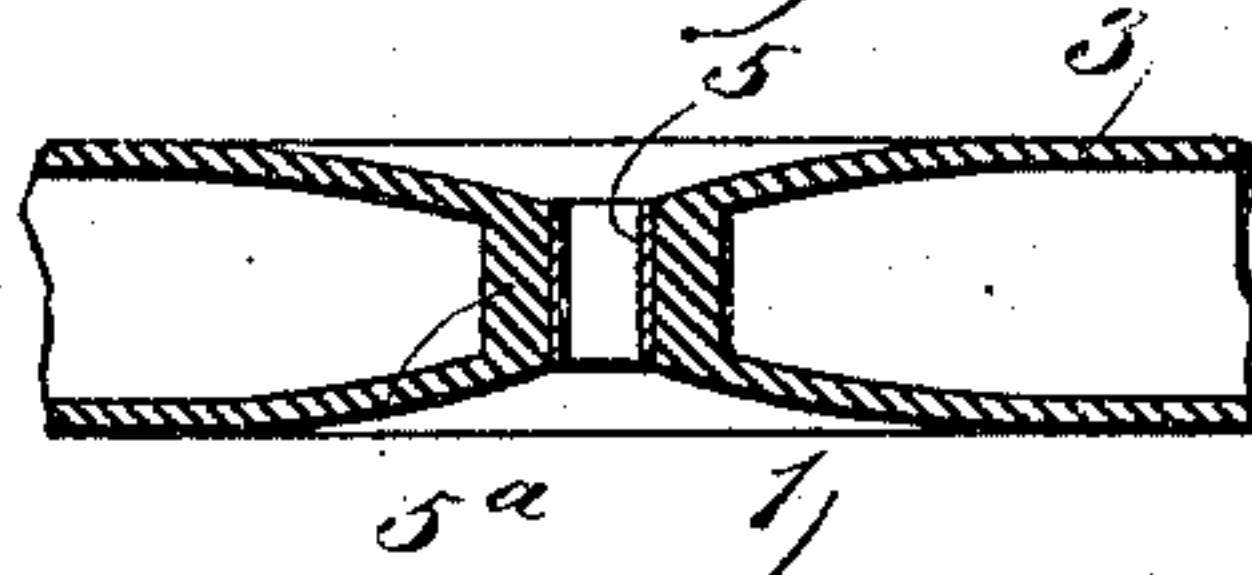
*Fig. 1.*



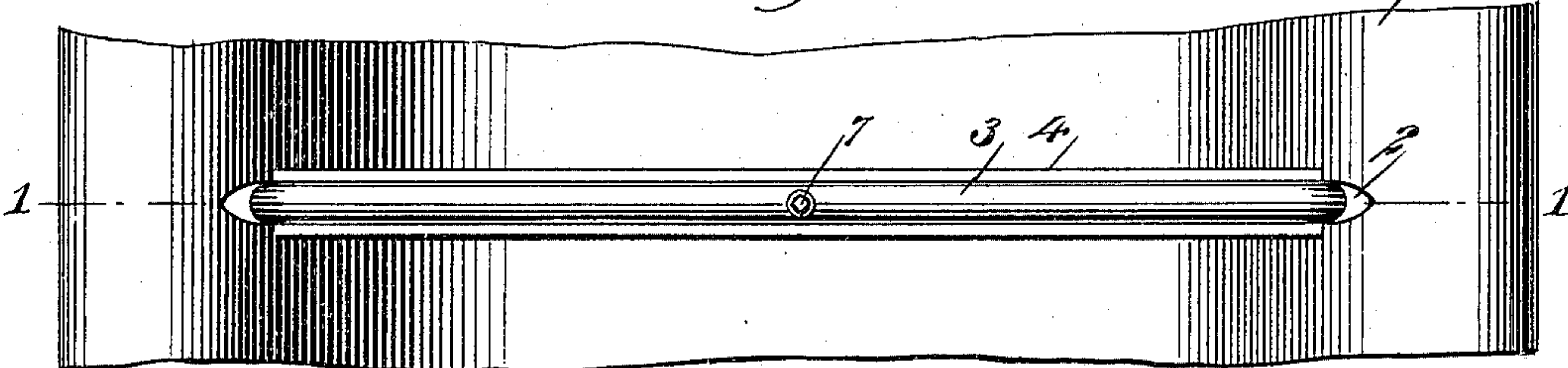
*Fig. 5.*



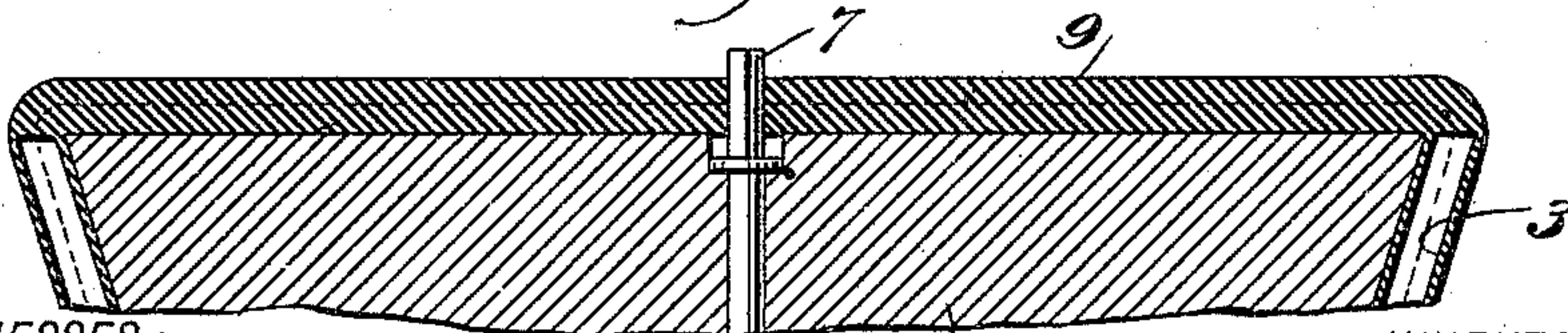
*Fig. 4.*



*Fig. 2.*

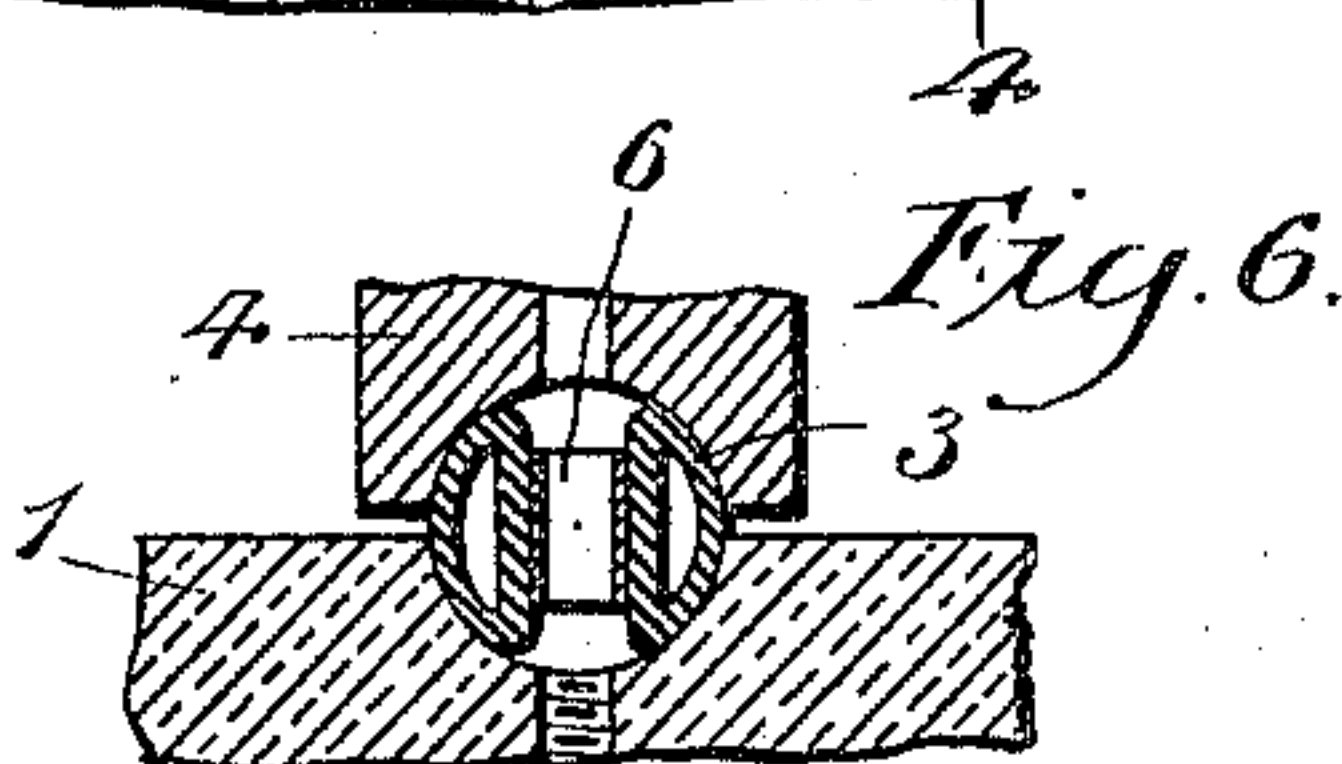


*Fig. 3.*



WITNESSES:

*Edward Thorpe*  
*C. R. Peterson*



*Fig. 6.*

INVENTOR  
*Nellie F. Hurdel*  
BY *Mumford*  
ATTORNEYS.



# UNITED STATES PATENT OFFICE.

NELLIE F. HURDEL, OF NEW YORK, N. Y.

## CONVERTIBLE TUB.

SPECIFICATION forming part of Letters Patent No. 641,112, dated January 9, 1900.

Application filed February 7, 1899. Serial No. 704,791. (No model.)

*To all whom it may concern:*

Be it known that I, NELLIE F. HURDEL, of the city of New York, borough of Manhattan, in the county of New York and State of New York, have invented a new and Improved Convertible Tub, of which the following is a full, clear, and exact description.

This invention relates to improvements in tubs having removable partitions, so that upon removing the partition the tub may be used for bathing purposes and when the partition is in position two tubs are practically provided for laundry purposes.

The object of the invention is to provide a pneumatic packing for the partition so arranged that it not only makes a tight connection between the partition and tub, but is self-sustained on the partition.

I will describe a convertible tub embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a section on the line 1 1 of Fig. 2 of the tub embodying my invention. Fig. 2 is a plan view. Fig. 3 is a section showing a modification. Fig. 4 is a longitudinal section of a portion of the packing. Fig. 5 is a top view thereof, and Fig. 6 is a transverse section.

Referring to the drawings, 1 designates a tub having a channel 2 formed in its side walls and bottom to receive a packing 3, arranged on a partition 4. This packing 3 is seated in a groove formed in the edges of the partition, and in Fig. 1 it is shown as tubular through its entire length, so that it is adapted to contain air under pressure.

Extended through the upper stretch of the packing is an eyelet 5, and a similar eyelet 6 extends through the lower stretch of the packing. These eyelets are to permit of the passage of a clamping-rod 7, which extends through a vertical opening formed in the partition 4 and has a screw-threaded lower end to engage in the threaded socket 8, formed in the bottom of the tub.

As the pneumatic packing 3 extends entirely around the partition it is obvious that it is self-sustaining on the partition—that is, it requires no other fastening devices—such,

for instance, as wires or screws—and, further, it will be noted that in the construction shown in Fig. 1 should the lower stretch of the packing become frayed or worn it may be turned upon the partition to bring the upper stretch across the lower portion of the partition.

In Fig. 3 I have shown the upper stretch of the packing as made solid, while the portions extending along the sides and bottom edges of the partition are tubular. The packing at the points receiving the eyelets is depressed and the walls of the openings are thickened, as at 5<sup>a</sup>. The hollow portions at the sides of the eyelets extend in a line with the main portion of the tube, so as to fill the channels in the tub and partition to prevent leaking.

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

1. The combination with a tub and a removable partition therefor, of a packing comprising a tubular pneumatic portion engaging with the side and bottom edges of the partition and having a portion extended along the top edge of the partition, the said packing having vertical openings through its upper and lower stretches, an eyelet in the opening of the lower stretch, and a clamping-rod adapted to pass through said openings and also through a vertical opening through the partition, substantially as specified.

2. The combination with a tub and a removable partition therefor, of a tubular packing of elastic or yielding material extended entirely around the edges of the partition so as to be self-sustained, eyelets in the upper and lower edges of the packing, and a clamping-rod extended through said eyelets and also through the partition to engage in a screw-threaded socket in the tub, substantially as specified.

3. The combination with a tub and a removable partition, of a packing-tube extending around the partition and having eyelets for the passage of a clamping-bolt, the portions of the tube receiving the eyelets being depressed, and a clamping-bolt, substantially as specified.

NELLIE F. HURDEL.

Witnesses:

JNO. M. RITTER,  
C. R. FERGUSON.