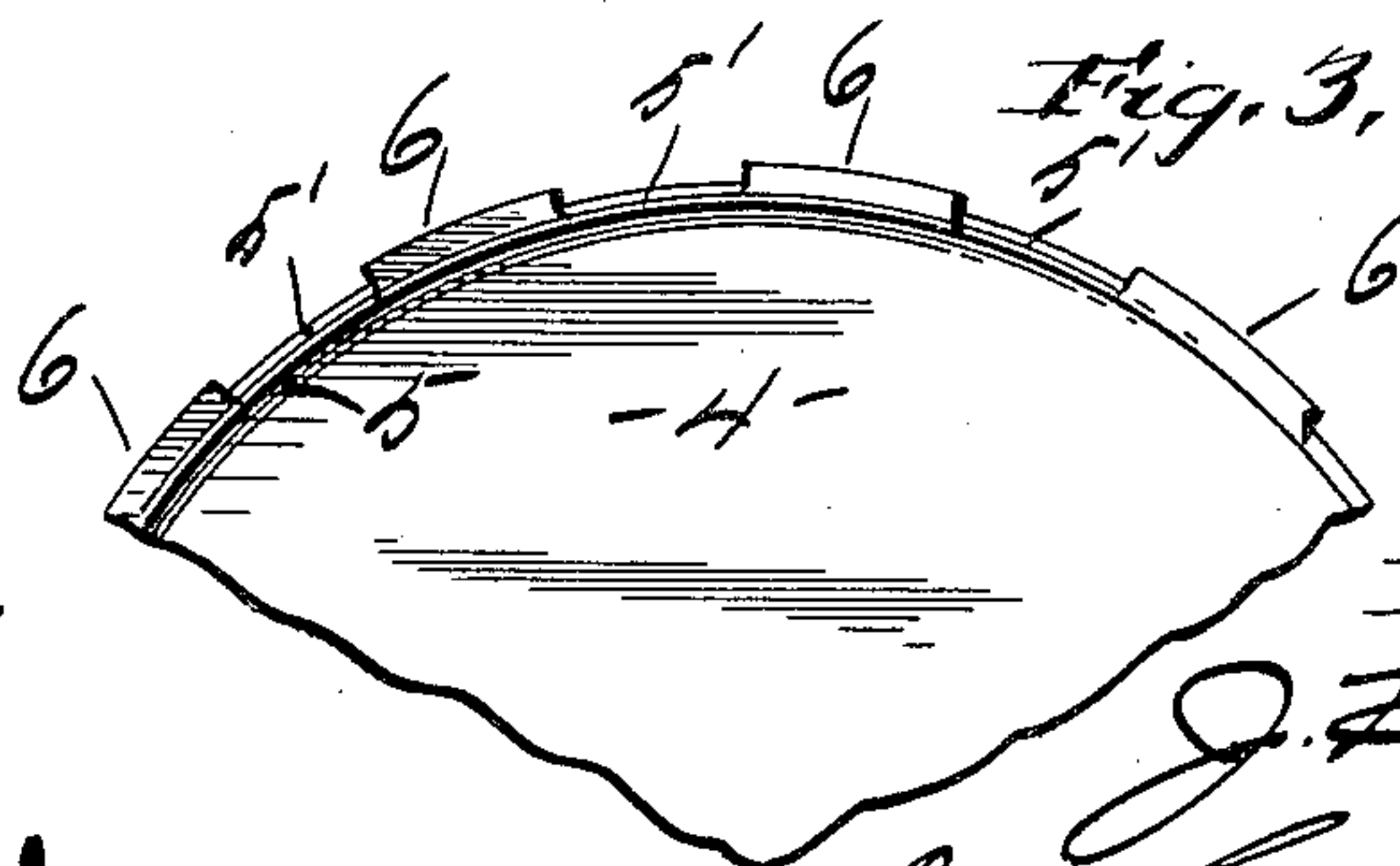
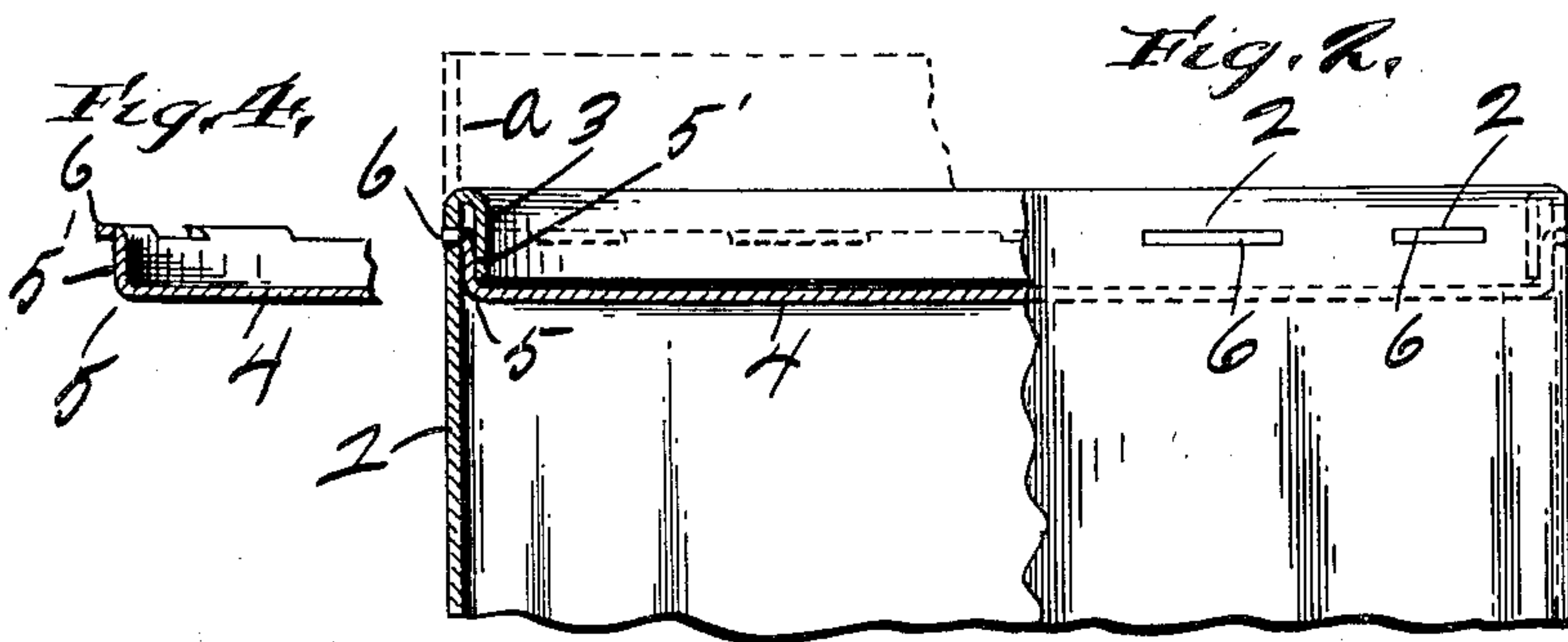
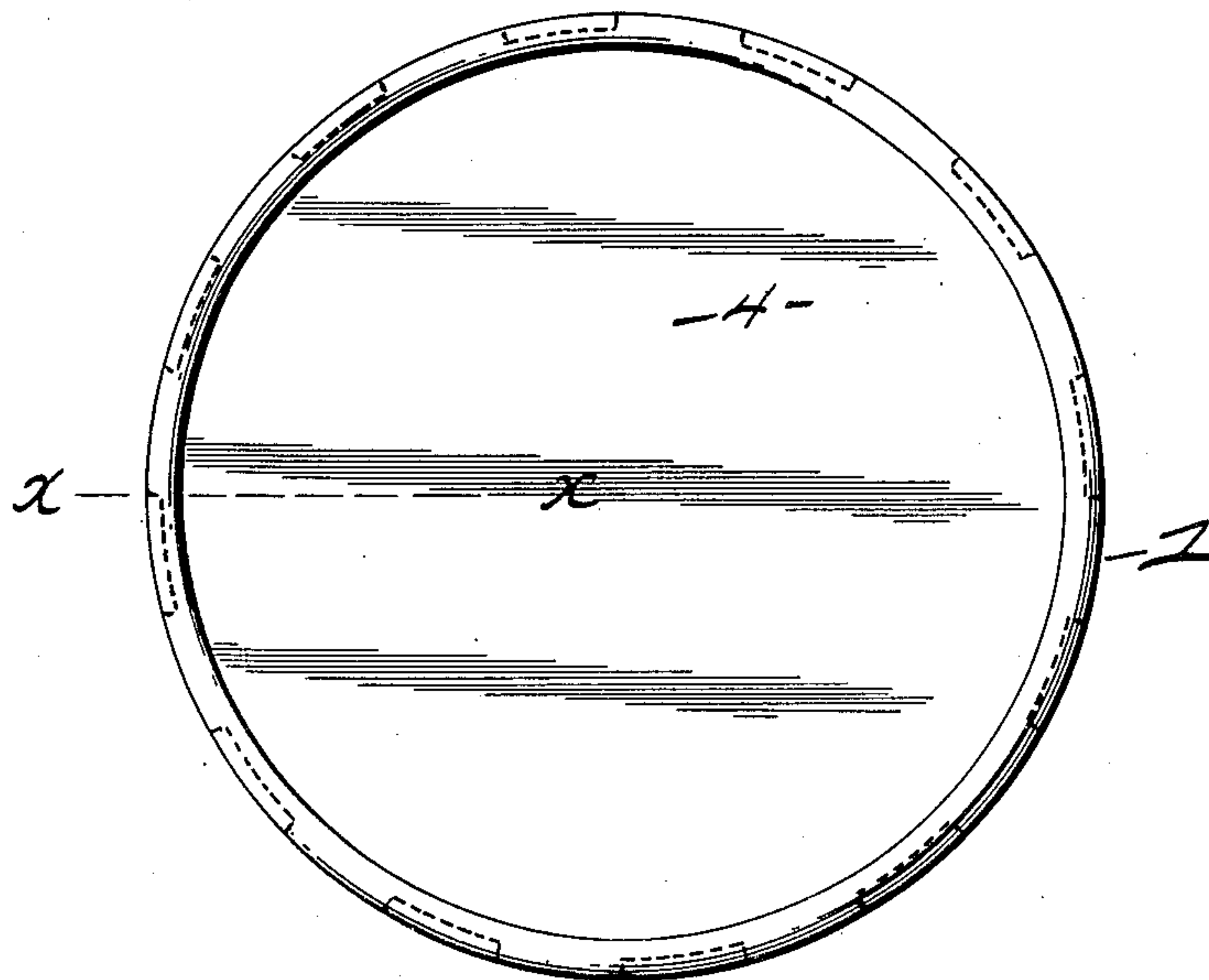


J. H. LA FAVE.
METAL PACKAGE.
APPLICATION FILED JAN. 9, 1908.

940,168.

Patented Nov. 16, 1909.

Fig. 1.



Witnesses,
J. T. Bick,
J. J. [Signature]

Inventor,
J. H. La Fave
By Carl H. Keller
att.

UNITED STATES PATENT OFFICE.

JOSEPH H. LA FAVE, OF DEFIANCE, OHIO.

METAL PACKAGE.

940,168.

Specification of Letters Patent.

Patented Nov. 16, 1909.

Application filed January 9, 1908. Serial No. 409,936.

To all whom it may concern:

Be it known that I, JOSEPH H. LA FAVE, a citizen of the United States, residing at Defiance, in the county of Defiance and State of Ohio, have invented certain new and useful Improvements in Metal Packages; and I do hereby 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.

This invention relates to packages for shipping and storing oil and other liquids, and the same contemplates an improvement over the construction disclosed in my prior patent, No. 876,563, dated January 14, 1908, for improvements in "metallic barrels."

The subject of this application relates to certain specific improvements in the chime or joint between the head and sides of a metallic package whereby the same is rendered exceedingly strong and practically proof against leakage.

In carrying out my invention I employ the novel combination, arrangement and the details of construction hereinafter shown, described and claimed.

In the accompanying drawings illustrative of my invention Figure 1 is a plan view of the head end of a metal package with the chime completely formed up; Fig. 2 is a side and a sectional view, the section being on line *x-x*, Fig. 1; Fig. 3 is a plan view of a portion of the head showing the marginal tongues thereon; and Fig. 4 is a vertical section through a portion of the head.

Referring to the details, 1 indicates the sheet metal body or sides of the package. This may be formed up of sheet steel as a cylinder with spaced elongated slots 2 adjacent to the margin 3. The head 4 is also formed of sheet metal with the margin flanged at 5 to provide a vertical upstanding portion 5' which lies in close contact with the sides 1 of the package, and at the upper edge of the upstanding portion 5' are spaced outwardly directed tongues 6 which are adapted to enter the spaced slots 2 when the package is assembled. The tongues after being directed into the spaced slots 2 are slightly upset and the margin 3 of the sides is then turned over, as shown in Fig. 2, the position before the turning operation being

shown in dotted lines *a*. As shown, the margin 3 of the sides is made to overlies the upstanding portion 5' of the head, and the extreme edge of the upturned portion abuts the head. After the chime has thus been formed up the faces of surfaces of the metal in contact are brazed together.

In the construction described in my prior application, hereinbefore referred to, the tongues upon the head were directed outward in the same plane with the head, and the vertical upstanding portion was not provided. When thus constructed, any undue strain upon the head would have a tendency to draw the margin of the head from the sides and thereby weaken or break the joint and cause the barrel to leak.

In the present construction any strain upon the head directs a pulling strain upon the vertical portion 5', and as said portion presents an extensive surface which is brazed to the sides of the package, the possibility of the head becoming weakened at its marginal connection with the body is eliminated.

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

1. In a metal package, a sheet metal body the outer edges of which are turned over to form a chime and provided with spaced elongated slots adjacent to the chime, and a sheet metal head having a marginal flange fitting within the body and having tongues to enter the slots therein, substantially as described.

2. In a metal package, a sheet metal body the outer edges of which are turned over to form a chime and provided with spaced elongated slots adjacent to the chime, and a sheet metal head having a marginal flange fitting within the body and provided with outwardly directed tongues upon the flange to enter the slots in the body, the turned over edge of the body forming the chime abutting against the head, substantially as described.

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

JOSEPH H. LA FAVE.

Witnesses:

E. W. COSTELLO,
KARL P. ASCHBACHER.