

No. 698,755.

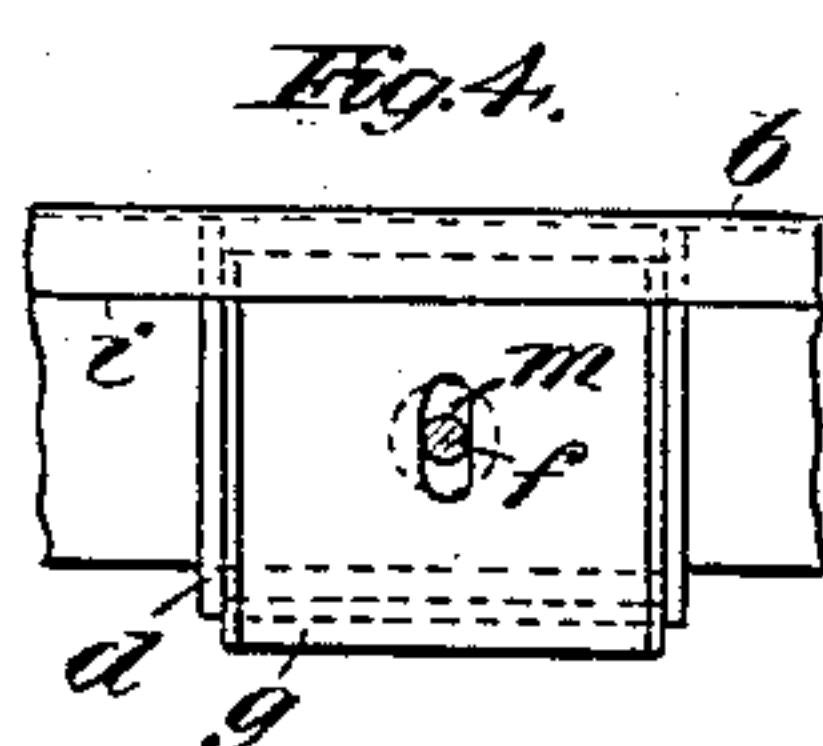
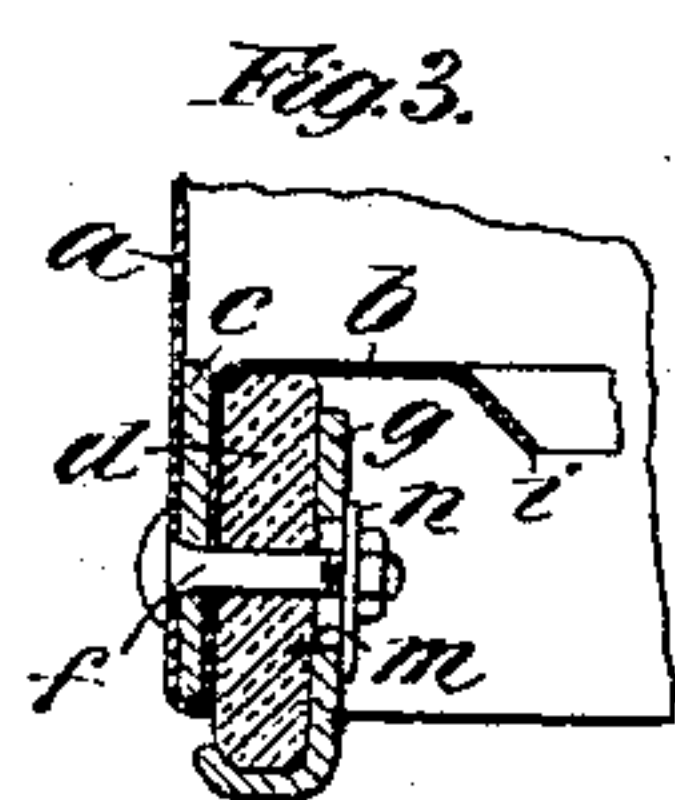
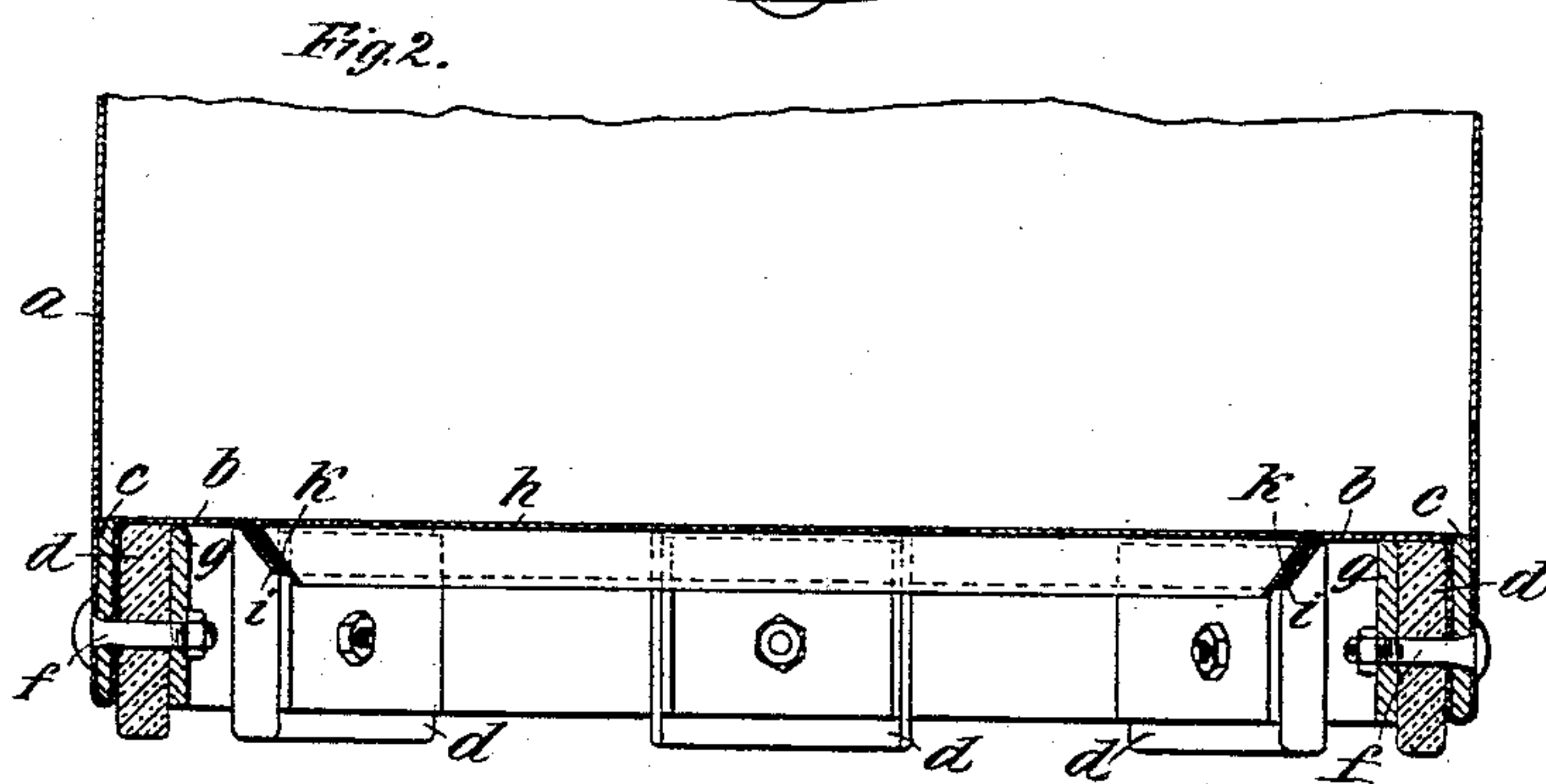
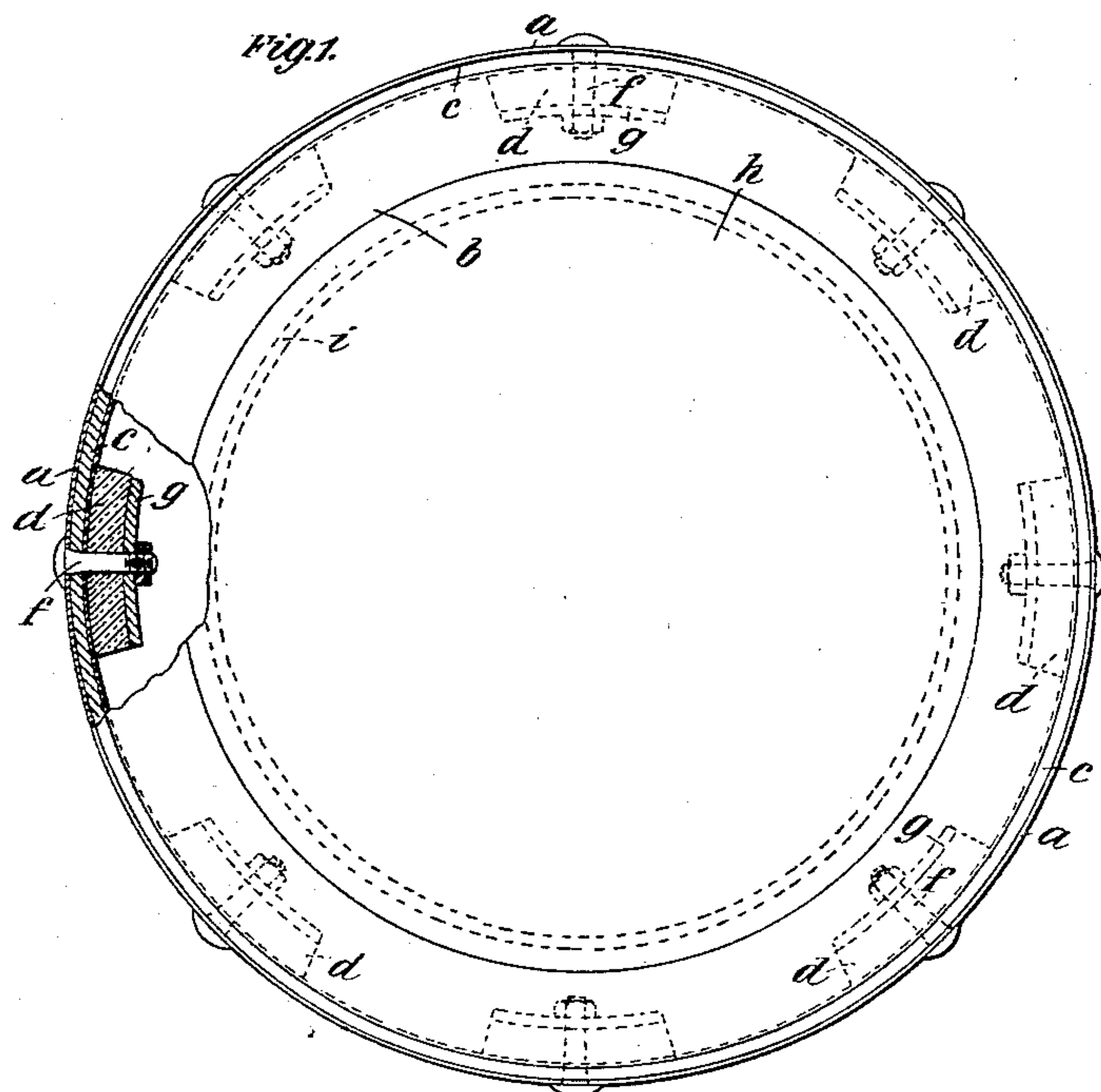
Patented Apr. 29, 1902.

G. STIEHLE.

VESSEL OR POT FOR GATHERING FIBERS BEING THROWN OFF SPINNING MACHINES.

(Application filed Sept. 8, 1900.)

(No Model.)



WITNESSES:
Ella L. Giles
Otto Munk

INVENTOR
Guido Stiehle
BY
Richardson
ATTORNEYS

UNITED STATES PATENT OFFICE.

GUIDO STIEHLE, OF SELTMANN'S, GERMANY.

VESSEL OR POT FOR GATHERING FIBERS BEING THROWN OFF SPINNING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 698,755, dated April 29, 1902

Application filed September 8, 1900. Serial No. 29,396. (No model.)

To all whom it may concern:

Be it known that I, GUIDO STIEHLE, a subject of the King of Bavaria, residing at Seltmanns, post-station Harbatzhofen, Allgäu, German Empire, have invented a certain new and useful Improvement in and Connected with Vessels or Pots for Gathering Fibers being Thrown Off Spinning-Machines, of which the following is a specification.

The present invention relates to vessels or pots for gathering the fibers being thrown off the spinning-machines.

By reason of practical experiences I am persuaded of the fact that in spinnstries it has been felt as a general want to get a spinning-pot which at its use will not only be spared or preserved by itself, but which will also spare the floor in a very high degree. Besides, the said spinning-pot is considered to be easily accessible at its bottom part for the purpose of attaching the rivets in a comfortable manner when being built.

In order to comply with the aforesaid requirements, I have invented a spinning-pot; and the invention consists of the details of construction hereinafter set forth, and particularly pointed out in the claims; and in order to render the present specification more easily intelligible reference is had to the accompanying drawings, in which similar letters of reference denote similar parts throughout the several views.

Figure 1 is a plan view with a partial horizontal section. Fig. 2 is a vertical section, and Fig. 3 a partial vertical section, of a modified detail of the spinning-pot; Fig. 4, a side view of the same.

According to the present invention the bottom *b* of the vessel or the pot *a* is made hollow in such a manner that it is situated about five to eight inches higher up than the lower edge of the case of the spinning-pot. This hollow of the bottom part will be produced by bending the sheet metal of the case of the spinning vessel or pot first in an inward and then in an upward direction, whereupon it is led horizontally, thus forming the bottom *b*. Hereby a double border of sheet metal is formed, which is stiffened by a sheet of flat iron *c*, being about two-sixteenths inch thick and one inch high. To the inner side of this stiffened border a number of plates *d*, of leather, india-

rubber, or similar elastic material, are attached by means of screws *f*. Between the said plates *d* and the nuts of the screws *f* metal plates *g* are provided for the purpose of holding the plates *d* in a proper position. The elastic plates *d* project about three-sixteenths inch underneath the lower edge of the border and lean with their upper part against the bottom *b*. Therefore the elastic plates *d* will take up the whole impact which the spinning-pot has to stand in a very effective manner and when the spinning-pot is dragged across the floor only the elastic plates will be brought into contact with the floor, so that the latter will be spared in a very advantageous manner. In spinnstries having very rough stone floors it appears to be advantageous to employ metal plates *g*, which project around the lower face of the elastic plates *d*, as shown in Fig. 3, in order to prevent too great a wear of these pieces. The metal plates must then be able to yield with the elastic pieces *d*, and for this object they are provided with a slot *m*, Fig. 4, instead of a round hole, by means of which they can slide up and down on the screw or rivet *f*. Separate washer-disks *n* are then preferably placed between the metal plates *g* and the head of the screw or rivet, which facilitates the sliding in the slot.

Instead of employing a series of elastic plates *d* arranged with several interspaces between them, a single elastic hoop, being entirely closed and consisting in one or more pieces, may be employed.

In the bottom *b* a disk *h* is cut out and the edges *i* *k*, respectively, of the remaining bottom edge and of the disk *h*, facing each other, are bent downward and inward in an inclined direction, so that the bottom disk *h* rests with its edge *k* loosely upon the inclined edge *i* of the bottom part *b*. In order to get access from below to the interior of the spinning-pot, it is only necessary to push the disk *h* inward, whereupon a most comfortable treatment of the spinning-pot for the purpose of riveting, cleaning, or the like may be effected.

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

1. In combination, the can having an up-

wardly-struck bottom forming a doubled angular edge, a reinforcing-band in said edge, a plurality of elastic pieces having their upper edges resting against the upwardly-struck
5 bottom and their lower edges projecting below the edge of the can, clamping-plates abutting against the inner faces of the elastic pieces and bolts for clamping the same to the rim, substantially as described.
10 2. A spinning-pot or the like having an upwardly-struck bottom with an open center, a downwardly-inclined flange at the edge of said open center and a closing-disk having an inwardly and downwardly bent flange designed to abut against the inclined flange sur-
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rounding the open center, substantially as described.

3. A spinning-pot or the like having an upwardly-struck bottom with an open center, a downwardly-inclined flange at the edge of
20 said open center, a closing-disk having a correspondingly-inclined flange resting upon the first-named inclined flange, said closing-disk being removable, substantially as described.

In witness whereof I have hereunto set my
25 hand in presence of two witnesses.

GUIDO STIEHLE.

Witnesses:

WILH. KACHEL,
GEORGE P. BURNS.