

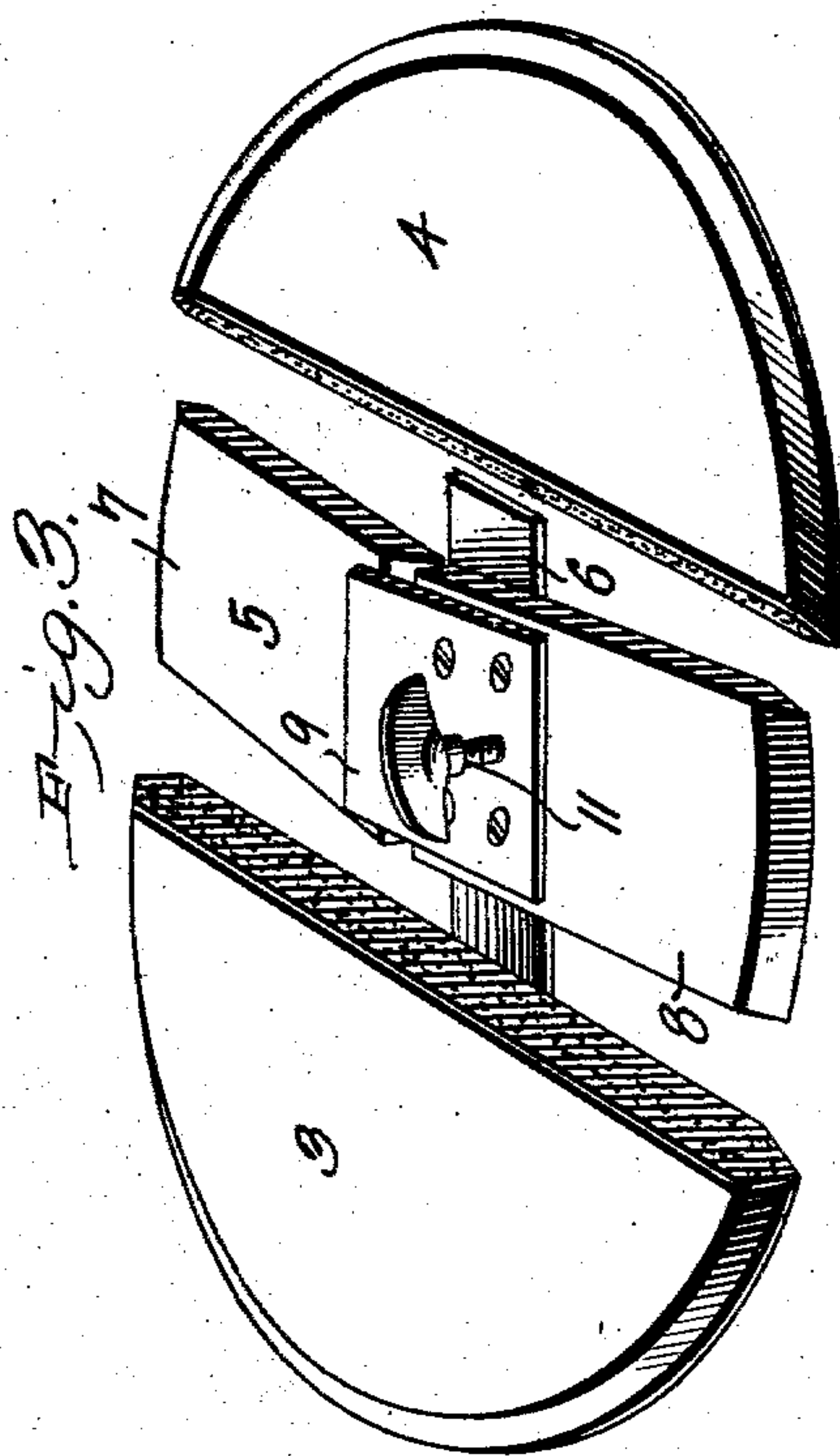
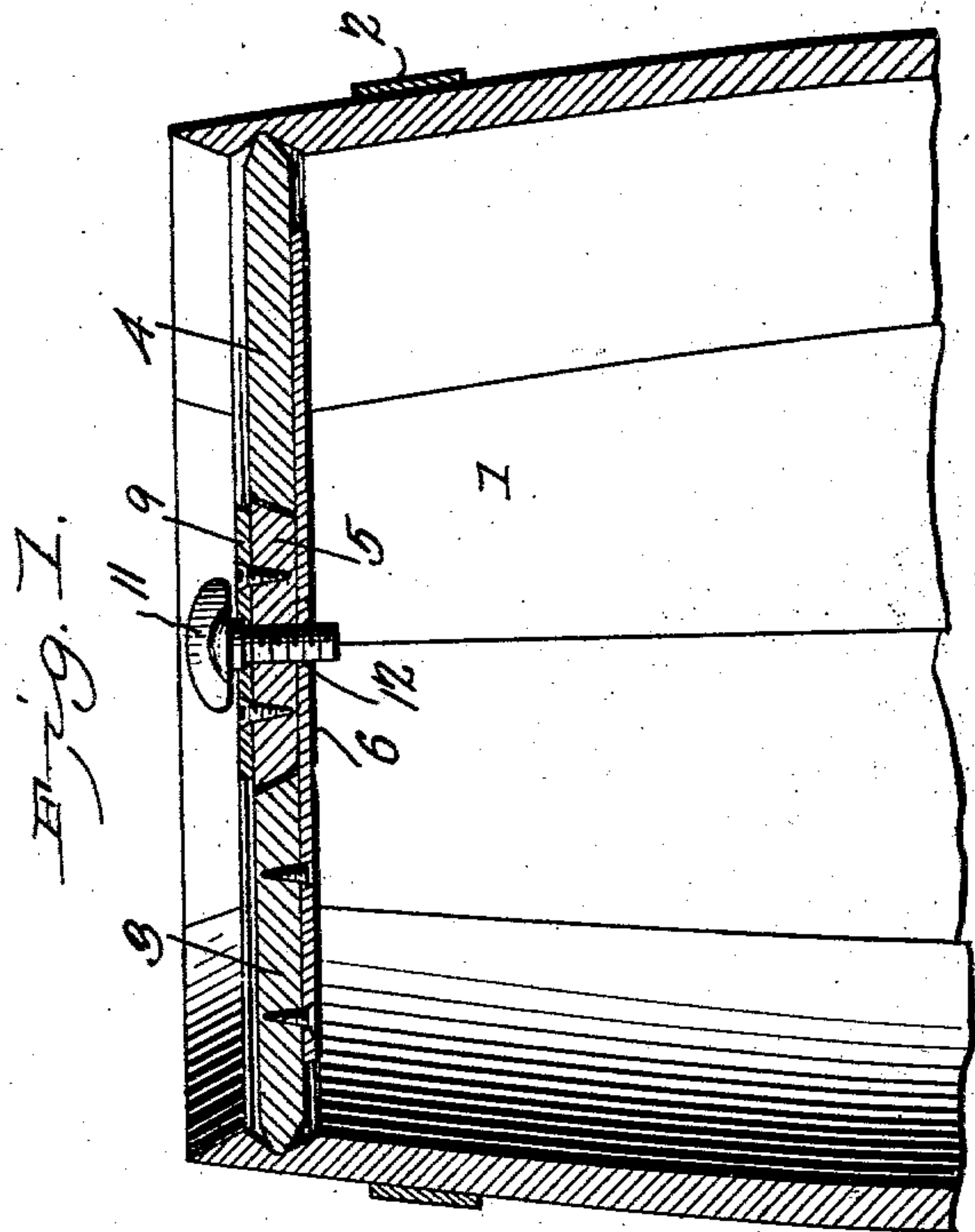
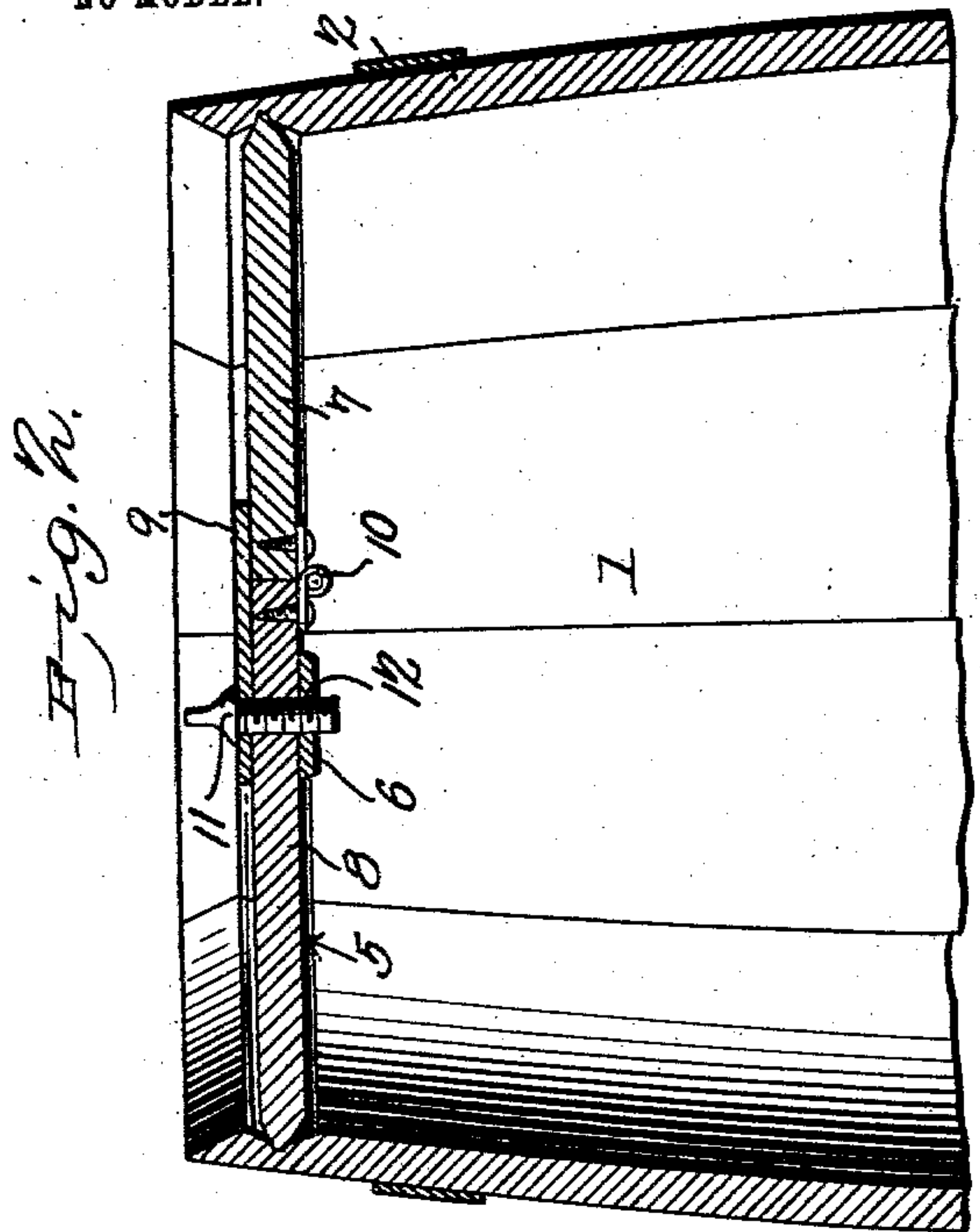
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PATENTED OCT. 6, 1903.

H. K. MOURNING & G. K. TAYLOR.
BARREL HEAD.

APPLICATION FILED APR. 24, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

HEZEKIAH K. MOURNING AND GEORGE K. TAYLOR, OF ALTAMONT, KANSAS.

BARREL-HEAD.

SPECIFICATION forming part of Letters Patent No. 740,679, dated October 6, 1903.

Application filed April 24, 1903. Serial No. 154,176. (No model.)

To all whom it may concern:

Be it known that we, HEZEKIAH K. MOURNING and GEORGE K. TAYLOR, citizens of the United States, residing at Altamont, in the county of Labette and State of Kansas, have invented a new and useful Barrel-Head, of which the following is a specification.

This invention relates to cask-closures, and is particularly adapted for use in connection with barrels or kegs designed for use in holding sauer-kraut, pickles, &c.

One of the principal objects of the invention is to provide a novel construction of head which can be applied to and removed from a barrel without loosening the top hoops and rendering the barrel incapable of holding liquid.

A further object of the invention is to provide means for securely holding the head in proper position with relation to the remaining portion of the barrel.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims, it being understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a vertical longitudinal view through a portion of a barrel, showing the head applied. Fig. 2 is a vertical longitudinal sectional view taken at a right angle to Fig. 1, and Fig. 3 is a detail perspective view of the sectional head detached.

In the preferred embodiment of our invention as illustrated in the drawings, 1 designates a barrel of ordinary construction provided with the usual crozed staves held together by the hoops 2. The bottom head of the barrel can be secured in the crozed chime in the usual manner; but the top head is removable to permit access to be readily had to the interior of the barrel.

The removable head comprises independent side members 3 and 4 and a sectional intermediate member 5, which intermediate member constitutes a key to force the beveled edges of the side members firmly into the

croze and binds against the opposite edges of the members, so as to prevent any leakage of the contents of the barrel.

One of the side members carries a transverse bar 6, the free end of which rests beneath the other member and forms a support for the disengaged side of the member, so as to prevent the said supported member from dropping into the barrel.

The intermediate or locking member comprises two sections 7 and 8, one of which is hinged to the other. A plate 9 is carried by one of the sections and overlaps the hinged end of the other section on the side opposite to that on which is located the hinge 10, so that when the threaded fastening device 11, carried by the plate 9, engages the threaded opening 12 in the bar 6 both intermediate sections will be held in rigid contact with the crozed end of the barrel.

The opposing edges of the side members of the head are chamfered or beveled, so as to diverge in an upward direction, while the edges of the locking member are oppositely beveled, and by screwing the fastening device so as to cause the bar 6 to tightly bind against the under side of the members a wedging contact will result, whereby a liquid-tight joint will be formed. If desired, the contacting edges of the respective sections can be supplied with rubber, felt, or any other suitable packing to insure the tightness of the joint.

We claim—

1. The combination with a barrel of two members resting in the croze in the end of the barrel, an interposed locking member also in the croze and comprising two sections hinged together, a rigid clamping-plate carried by one section and overlapping the other section, a screw projecting through the plate and its supporting-section and a bar carried by one of its first-named members by the screw and terminally engaging the remaining first-named section.

2. The combination with a barrel, of two outside head members, and an intermediate member, having an intermediate break-joint, a plate rigid on the intermediate section and overlapping the break-joint, a bar on one of the first-named members, and having a free

terminal to engage the remaining first-named member and a tension device engaging the plate and bar to lock the members together.

3. The combination with a barrel, of two
5 members resting in the croze in one end of the barrel, an interposed locking device also in the croze of the barrel and provided with spreading edges, said interposed member comprising two sections hinged together one of
10 said members carrying a rigid plate with a projecting edge overlapping the hinge-joint and the edge of the other section, a screw carried by the plate, and a transverse bar engaged by the screw and free to terminally
15 bear against one of the first-mentioned members to lock the parts together.

4. A barrel-head, comprising two outer sections and an intermediate section, a bar rigid

on one of the outer sections and having a free end to bear against the intermediate and the 20 second outer section, the intermediate section including two hinged parts, a plate on one part and overlapping the other part and a tension-screw carried by one part and engaging the bar to force the plate and bar into 25 clamping engagement with the respective sections.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

HEZEKIAH K. MOURNING.
GEORGE K. TAYLOR.

Witnesses:

S. W. WILKINS,
G. TORBERT.