

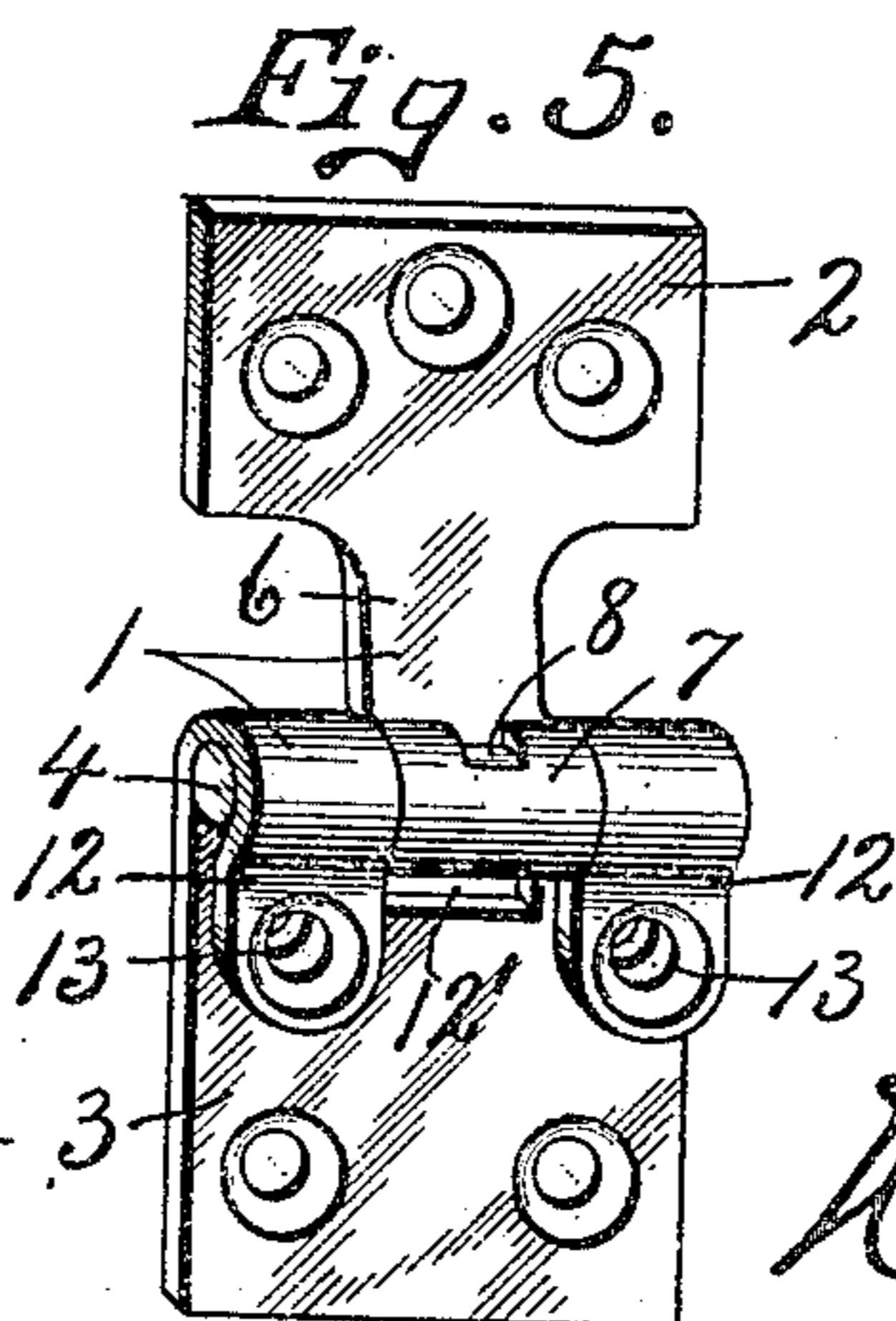
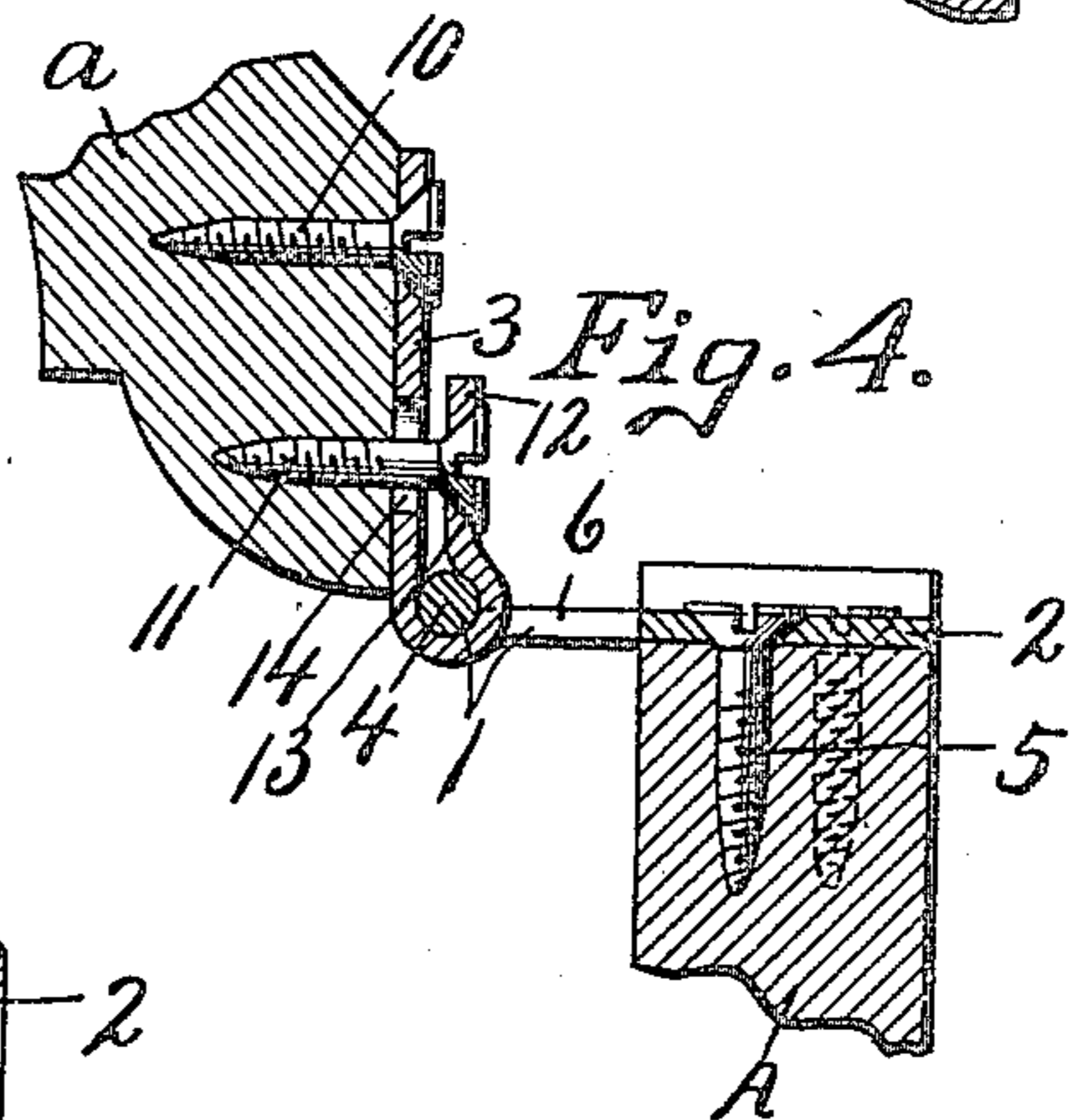
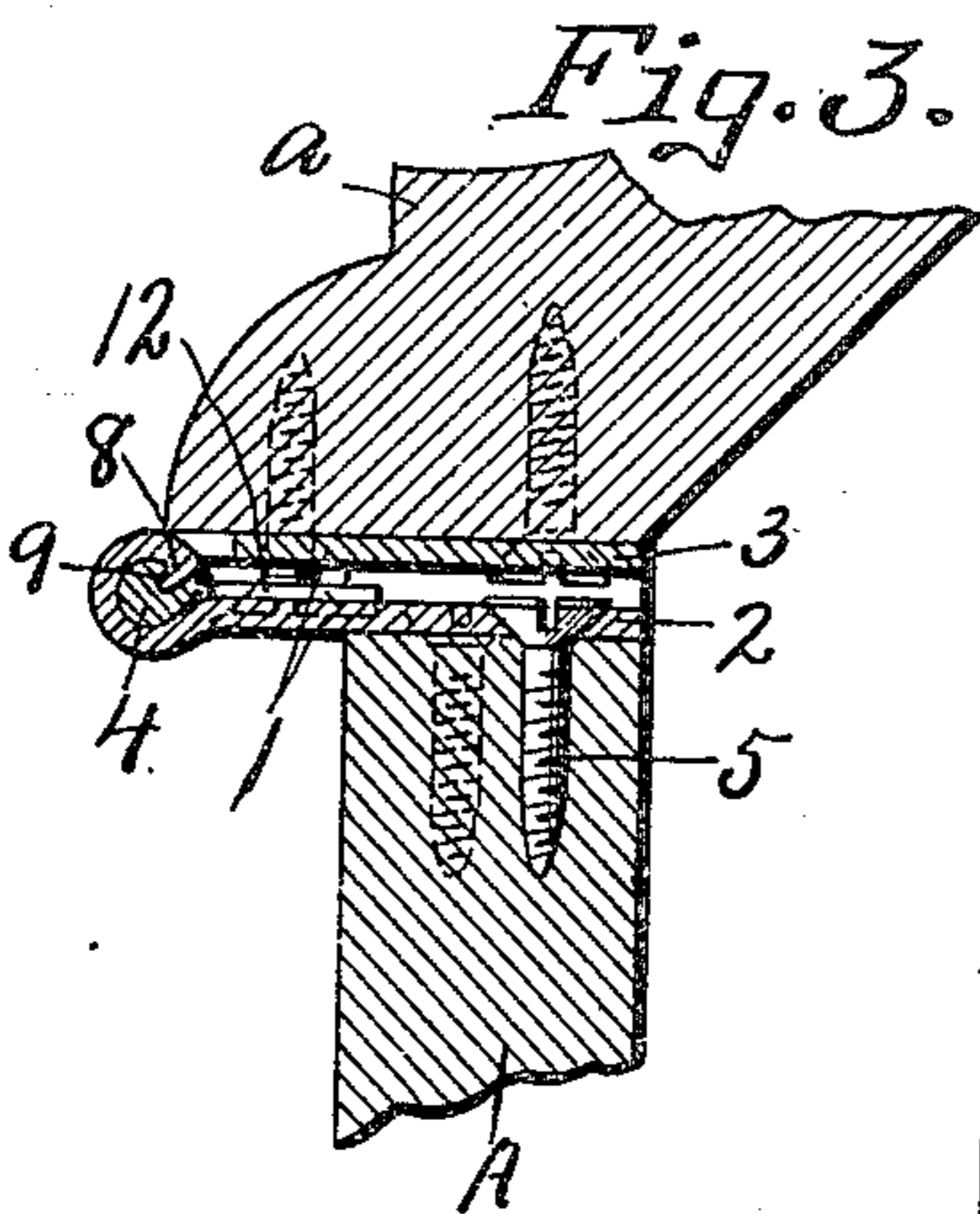
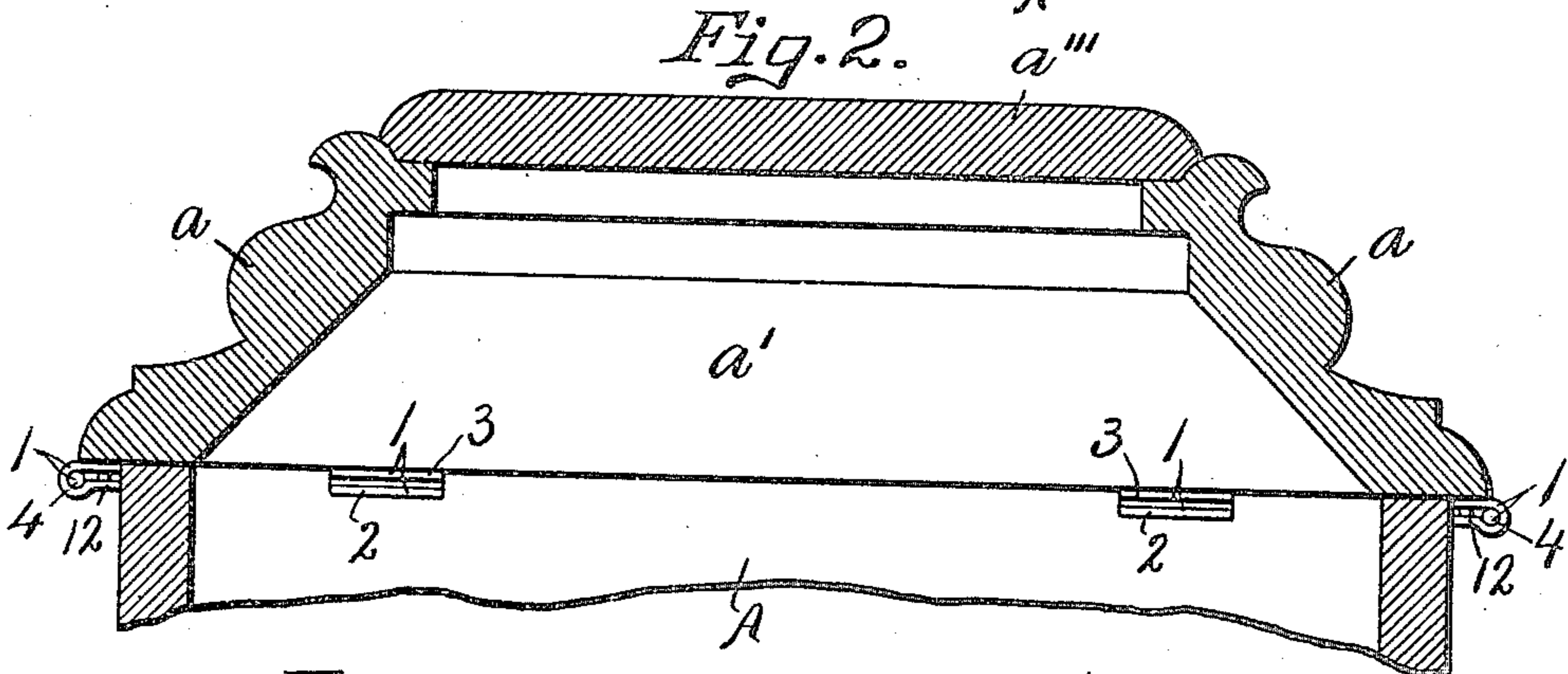
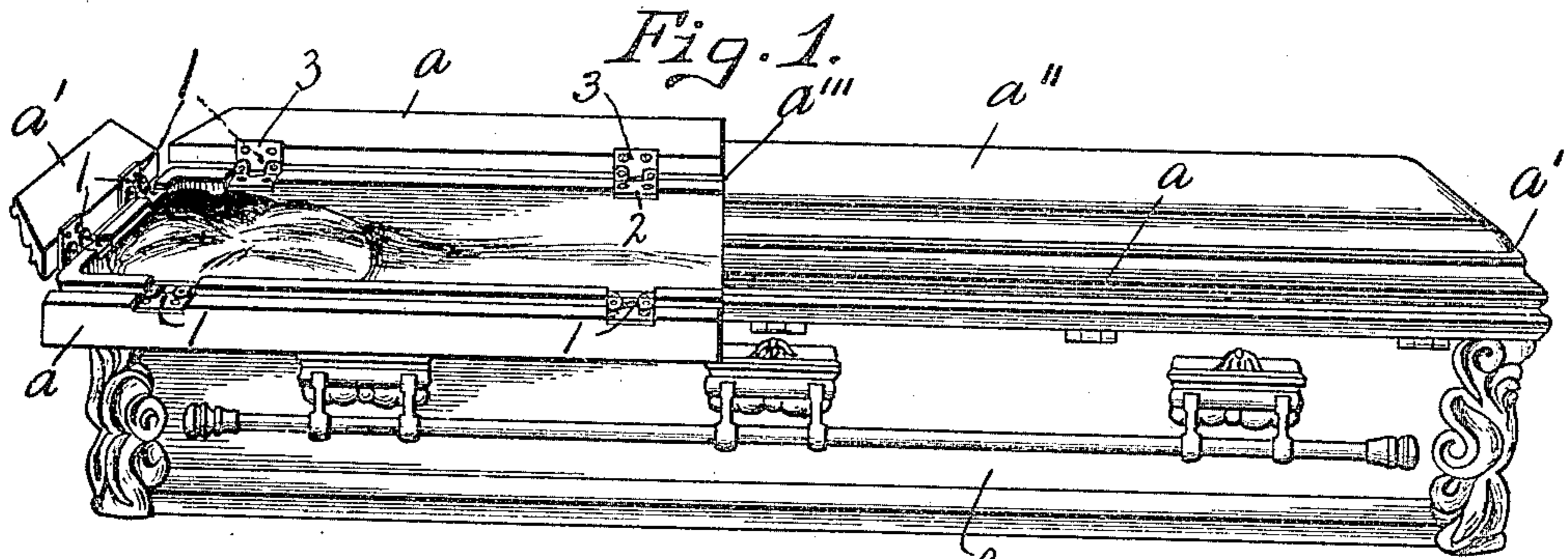
F. W. FARNAM.

HINGE.

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951,944.

Patented Mar. 15, 1910.



Witnesses.

A. C. Thomas
H. E. Chase

Inventor.
F. W. Farnam,

By.
Howard P. Denison
Attorney.

UNITED STATES PATENT OFFICE.

FRANK W. FARNAM, OF ONEIDA, NEW YORK, ASSIGNOR TO NATIONAL CASKET COMPANY, OF ONEIDA, NEW YORK, A CORPORATION OF NEW YORK.

HINGE.

951,944.

Specification of Letters Patent. Patented Mar. 15, 1910.

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To all whom it may concern:

Be it known that I, FRANK W. FARNAM, of Oneida, in the county of Madison, in the State of New York, have invented new and useful Improvements in Hinges, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to certain improvements in hinges for burial caskets and other devices having swinging parts adapted to be held at any angle of adjustment.

The burial caskets for which this hinge is specifically adapted is provided with what is technically known as separate "ogee" panels hinged to the upper edges of the sides and ends of the casket to form an ornamental marginal edge for the cover adapted to support a separate top board or plate, which, together with the "ogee" panel, forms a complete cover.

The main object of my present invention is to permit the swinging hinge section or panel to be rocked or adjusted to any desired angle and frictionally retained in its adjusted position by the hinge or hinges, so that when used as a connection between the "ogee" panels of caskets, such panels may be readily adjusted to any angle and frictionally retained in their adjusted positions to give varying artistic effects to the casket, particularly when opened. In other words, I have sought to provide a simple, durable and comparatively inexpensive hinge in which a pintle is rigidly secured to one of the leaves, while the opposite leaf is provided with spring arms overturned upon and frictionally tensioned against portions of the pintle and provided with an aperture registering with a corresponding aperture in the adjacent portion of such leaf for the reception of a fastening screw or bolt by which this leaf may be secured to the swinging part leaving sufficient clearance between the overturned spring arm and body of the leaf for tightening said arm upon the pintle, thereby insuring a sufficient frictional grip between the leaves to hold them in their relatively adjusted positions as the swinging part is rocked to different angles.

Other objects and uses relating to specific parts of the hinge will be brought out in the following description:

In the drawing—Figure 1 is a perspective view of a burial casket showing the top por-

tion of the head of such casket as open, the interior trimming of the "ogee" panels being removed to show the location of the hinges. Fig. 2 is an enlarged transverse sectional view through the upper portion of the casket showing the "ogee" panels and top board in their closed positions. Figs. 3 and 4 are enlarged detailed sectional views of the hinges in their closed and opened positions respectively, showing the adjacent portions of one side of the casket and swinging "ogee" panel. Fig. 5 is a perspective view of the detached hinge showing the leaves in their extended positions.

In order that the utility of my invention may be clearly understood I have shown a burial casket—A—as provided with opposite side and end "ogee" panels—*a*— and—*a'*— and a top board or cover plate—*a''*— the foot and head portions of the cover being divided transversely at—*a'''*—. Each of the "ogee" panel sections—*a*— and—*a'*— is attached to the upper edges of the sides and ends of the casket by a plurality of, in this instance, two hinges—1— forming the subject matter of my present invention, although the number of hinges employed for each panel is immaterial.

Each hinge preferably comprises two sheet metal leaves—2— and—3— and a cylindrical pintle—4—, the leaf—2— being secured by suitable fastening means, as screws—5—, to the upper edge of the side of the casket, and is provided with a reduced central portion—6— extending some distance beyond the outer face of the adjacent side of the casket and terminating in a cylindrical eye—7—. The central portion of the inner side of the eye—7— is provided with short, lengthwise slits forming a tongue—8— which is depressed inwardly into a recess or groove—9— in one side of the central portion of the pintle—4— for the purpose of rigidly securing or locking said pintle to the leaf—2—. The opposite ends of the pintle—4— extend equidistant beyond the opposite ends of the eye—7— to form bearings for the opposite leaf—3—. This leaf—3— is secured by suitable fastening means, as screws—10— and—11— to the inner edge of the "ogee" panel—*a*— and is provided with a central lengthwise slot—12'— of substantially the same width as the length of the eye—7— forming opposite arms—12— which are overturned upon

the laterally projecting ends of the pintle —4— and are spring-tensioned inwardly toward the main body, forming open-sided bearings which frictionally engage the said
 5 projecting ends of the pintle. Said arms extend outwardly some distance beyond the pintle and are provided with apertures —13— which register with similar apertures —14— in the main body of the hinged
 10 section —3— for receiving the screws or bolts —11—.

The free ends of the spring arms —12— having the apertures —13— therein are spaced apart from the main body of the leaf
 15 —3— leaving sufficient clearance for taking up wear and increasing the friction of the arms or bearing —12— upon the pintle, said arms being tightened sufficiently by the adjustment of the screws —11— to frictionally
 20 hold the leaf —3— and "ogee" panel section —a— secured thereto at any angle of adjustment relatively to the main body of the casket or leaf —2—.

Although I have shown the pintle as rigidly
 25 idly secured to the leaf —2— by pressing a portion thereof into a recess in said pintle, it is evident that any other means may be employed for effecting this rigid securement between the pintle and leaf, and, therefore,

I do not limit myself to the exact construction shown and described. 30

What I claim is—

1. A hinge comprising two leaves one of which is provided with an eye and a pintle secured in said eye, the other leaf having
 35 an open-sided bearing receiving the portions of the pintle extending beyond the eye, and means extending through the bearing and the last-mentioned leaf for forcing one side of the bearing toward the leaf
 40 to frictionally clamp the bearing to the pintle and hold the leaves in their relatively adjusted positions.

2. A hinge comprising two leaves one provided with an eye, a pintle rigidly secured in said eye and extended beyond the
 45 side edges thereof, the other leaf having spring arms overturned upon the projecting ends of the pintle, and means extending through said spring arms and the leaf for
 50 tightening the spring arms upon the pintle.

In witness whereof I have hereunto set my hand this 8th day of April 1909.

FRANK W. FARNAM.

Witnesses:

T. F. HAND, Jr.,
 R. J. BREWER.