

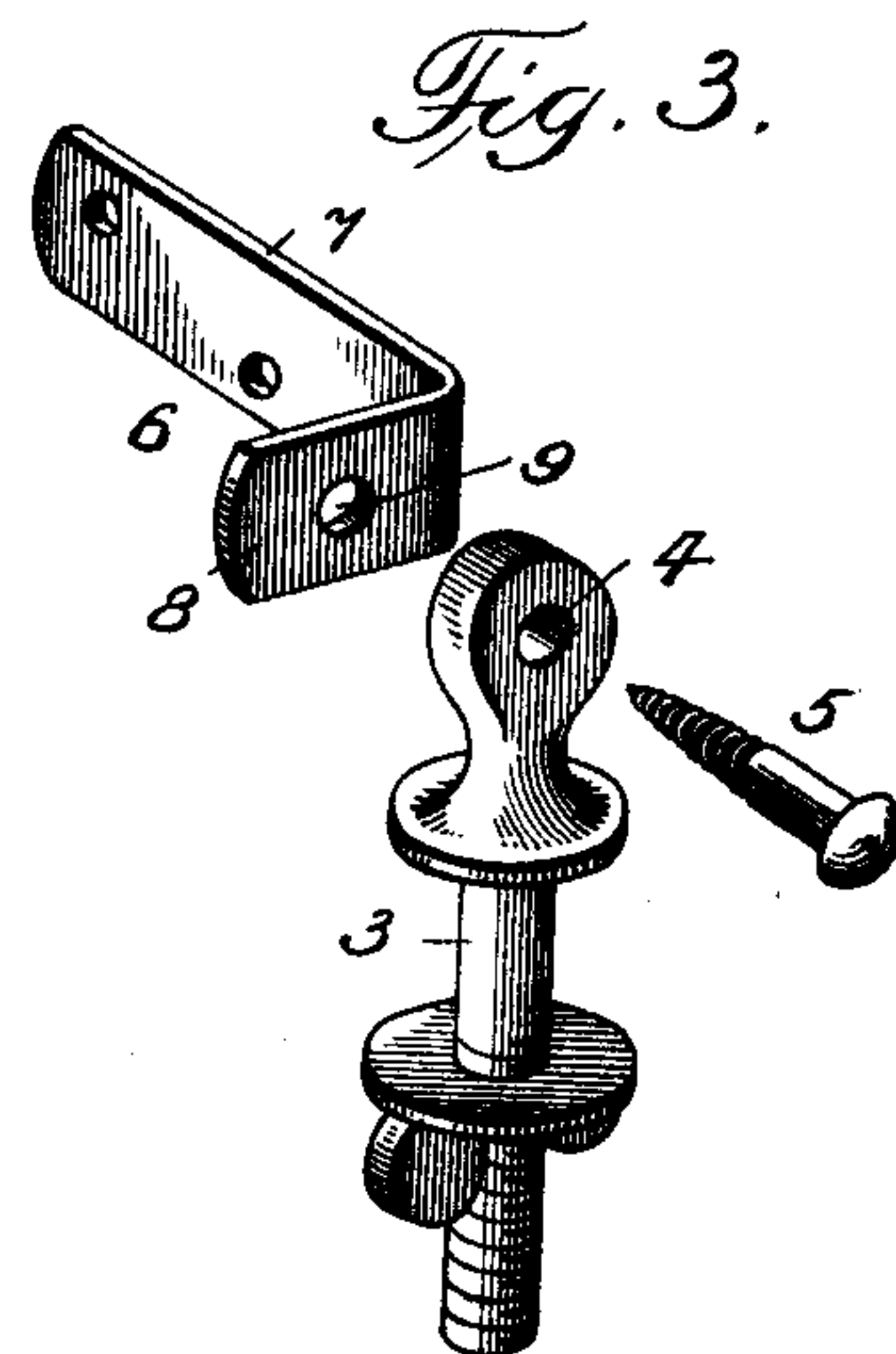
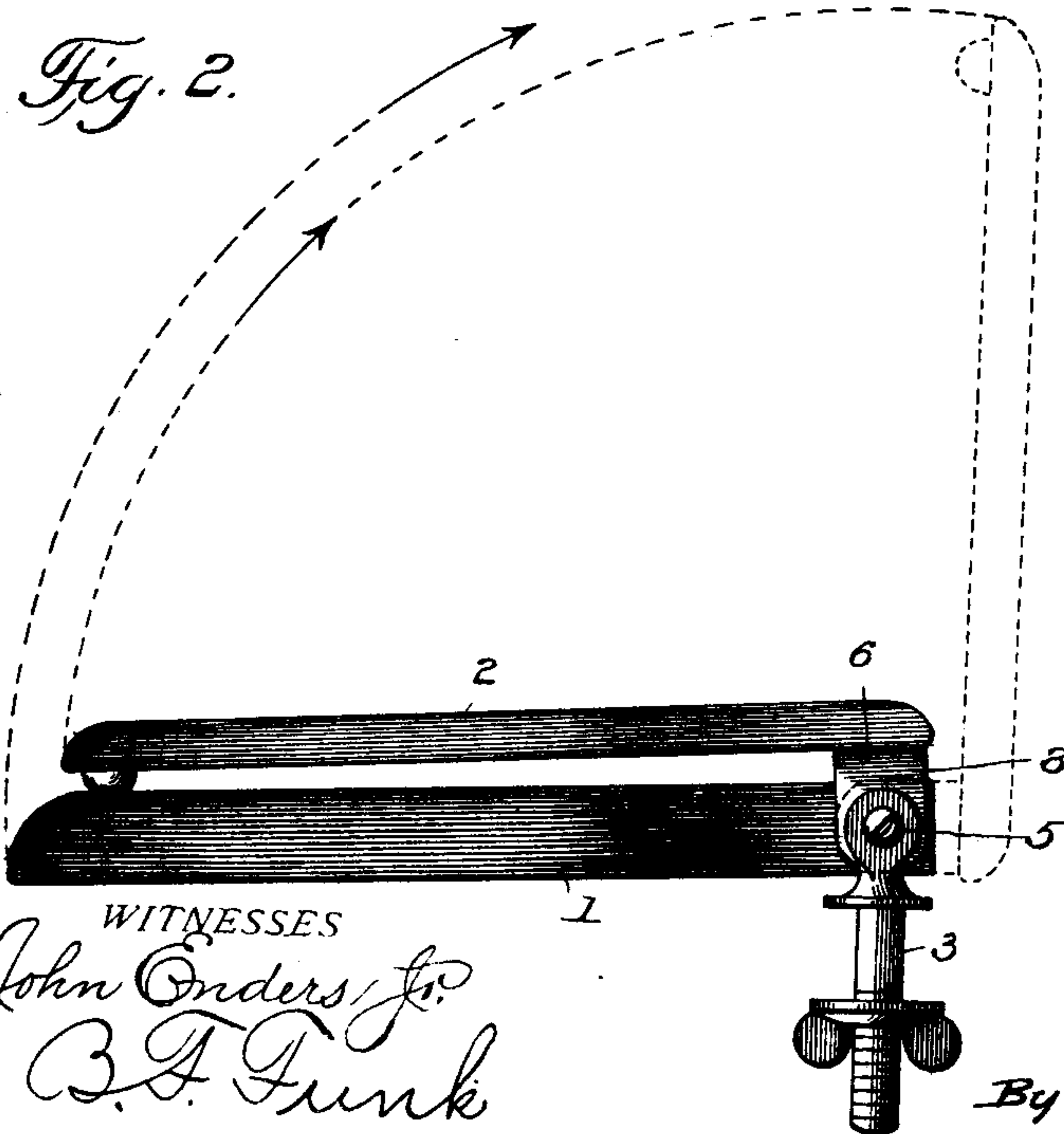
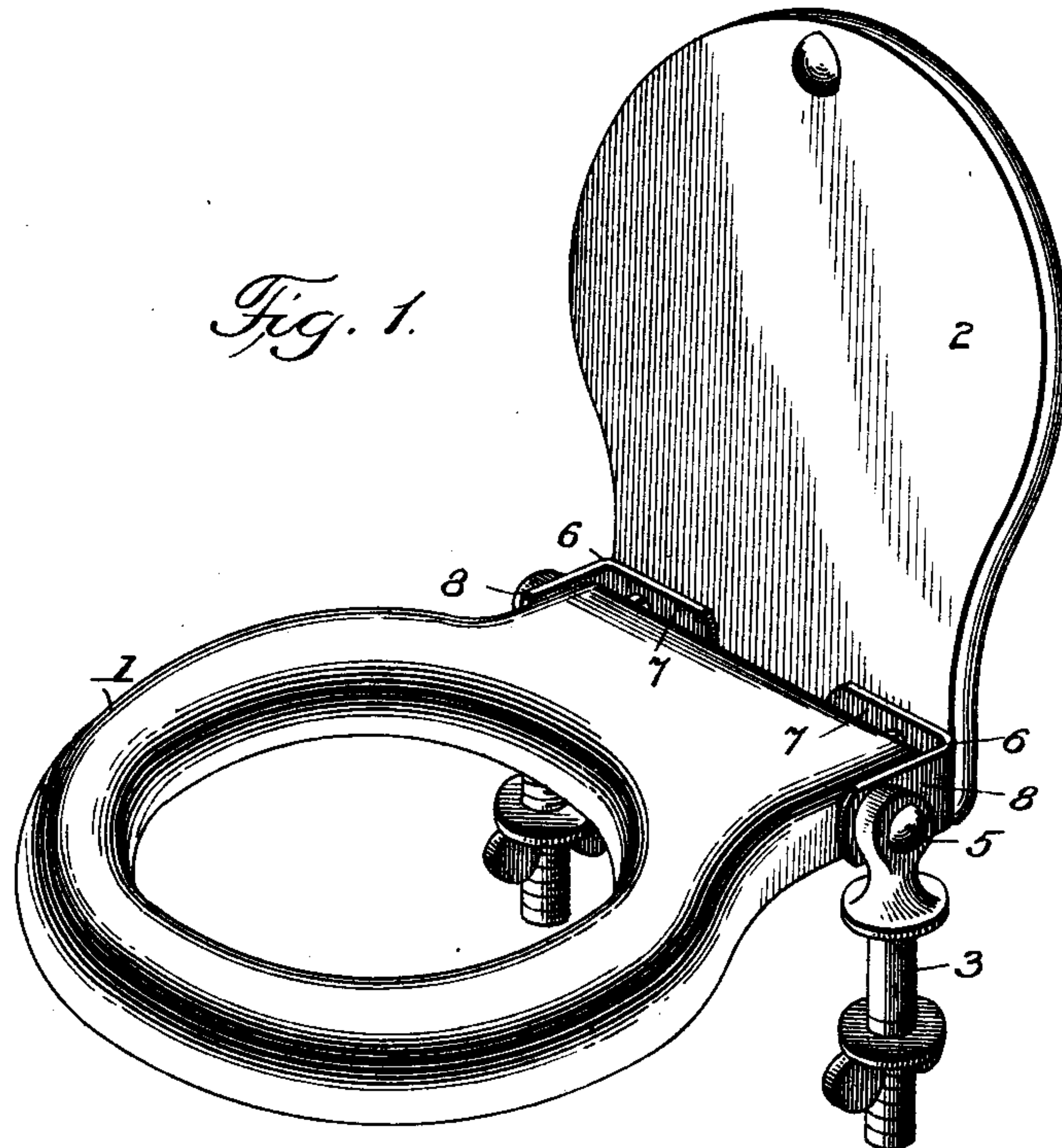
No. 675,797.

Patented June 4, 1901.

A. SHWAB.
HINGE FOR WATER CLOSET SEATS.

(Application filed Nov. 24, 1899.)

(No Model.)



INVENTOR
Adolph Shwab
By *Victor J. Evans.*
Attorney

UNITED STATES PATENT OFFICE.

ADOLPH SHWAB, OF BAYONNE, NEW JERSEY.

HINGE FOR WATER-CLOSET SEATS.

SPECIFICATION forming part of Letters Patent No. 675,797, dated June 4, 1901.

Application filed November 24, 1899. Serial No. 738,154. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH SHWAB, a citizen of the United States, residing at Bayonne, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Hinges for Water-Closet Seats, of which the following is a specification.

My invention relates to an improvement in the construction of those hinges in which the seat and lid are connected together by hinges common to both members.

My improvement comprises hinge posts or standards adapted for attachment to the bowl or crockery in the usual manner, each having a vertical head formed with a pivot-eye, a seat, a lid, right-angle plates having their inner parts secured to the inner face of the lid and their outer parts formed with pivot-eyes and lapping the sides of the seat, and pivot-screws mounted in the pivot-eyes of the posts or standards and extending through the pivot-eyes of the outer parts of the right-angle plates and secured to the sides of the seat, so as to turn therewith and provide pivots common to both the seat and the lid, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a seat and lid equipped with my improved hinge, the lid being thrown back; Fig. 2, a side elevation, dotted lines representing the position of the lid when thrown back; and Fig. 3, a detail perspective of the hinge with the parts in relative position for assembling together.

The seat 1 and lid 2 are of the usual construction.

The hinge posts or standards 3, by which the seat and lid are secured to the bowl or crockery, are of the usual construction with the exception that they are provided with an eye 4, extending through their vertical heads. Wood-screws 5, passed through this eye, so as to turn freely therein, are entered into the seat at the sides thereof, and when the seat is raised or lowered they turn with it and have their bearings in said eyes. There are two right-angular hinge stops or members 6, which

have one leg 7 secured to the lower portion of the lid by suitable screws, while the other legs 8 of said members are provided with eyes 9, through which the screws 5 loosely pass, the said legs 8 being located between the head of the hinge-posts and the sides of the seat. This hinge permits the seat and lid to lie close together when folded and disposes the lid very close to the back edge of the seat when the lid is raised. Similarly the seat and lid, by reason of being hinged on the same axis, maintain the same relative positions when raised as when closed. When the members are thus hinged, the pipes at the back of the bowl are not interfered with by the seat and lid when raised, which is a defect incident to those hinges which project backwardly and have the seat and lid hinged to the hinge-posts at different points, thus constituting a double hinge, whereas the present invention is a single hinge. Other advantages the present invention possesses are its simplicity, cheapness, and strength, and the small quantity of metal employed, which reduces tarnishing or rusting to a minimum.

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

An attachment for water-closets, comprising posts or standards, each having a vertical head formed with a pivot-eye, a seat, a lid, right-angle plates having their inner parts secured to the inner face of the lid and their outer parts formed with pivot-eyes and lapping the sides of the seat, and pivot-screws mounted in the pivot-eyes of the posts or standards and extending through the pivot-eyes of the outer parts of the right-angle plates and secured to the sides of the seat so as to turn therewith and provide pivots common to both the seat and the lid.

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

ADOLPH SHWAB.

Witnesses:

PAUL SHWAB,
MAX ZIMTBAUM.