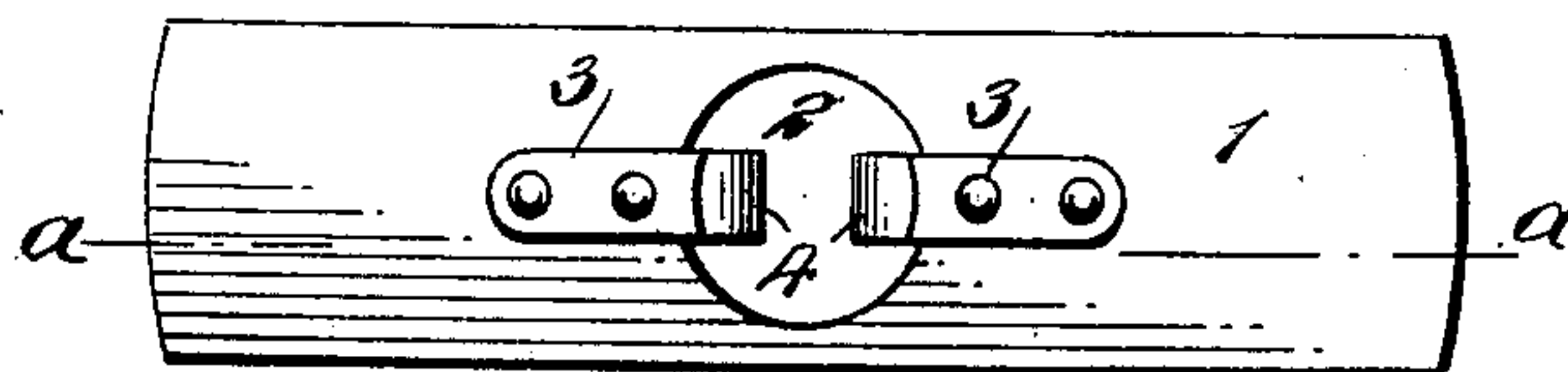
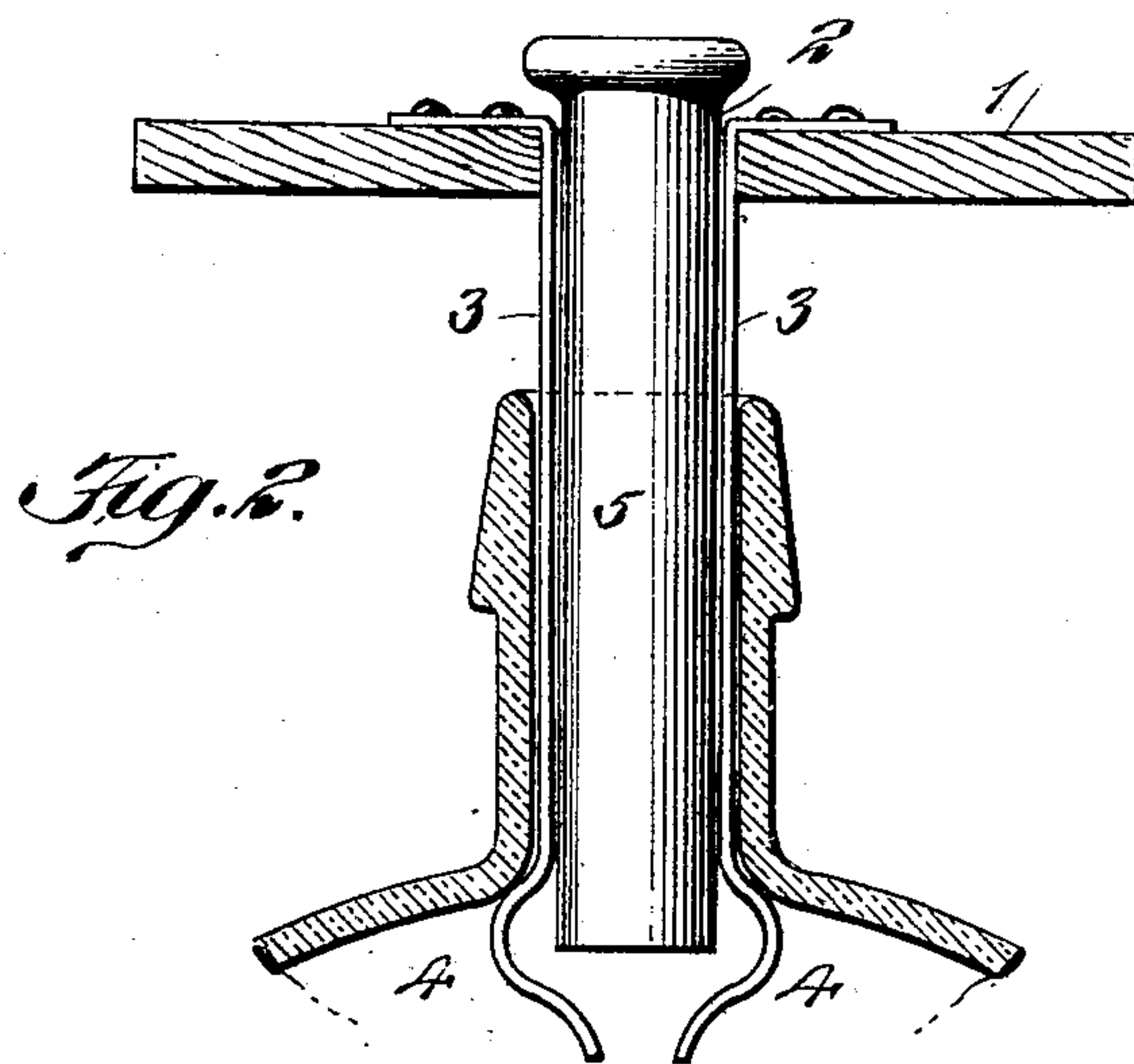
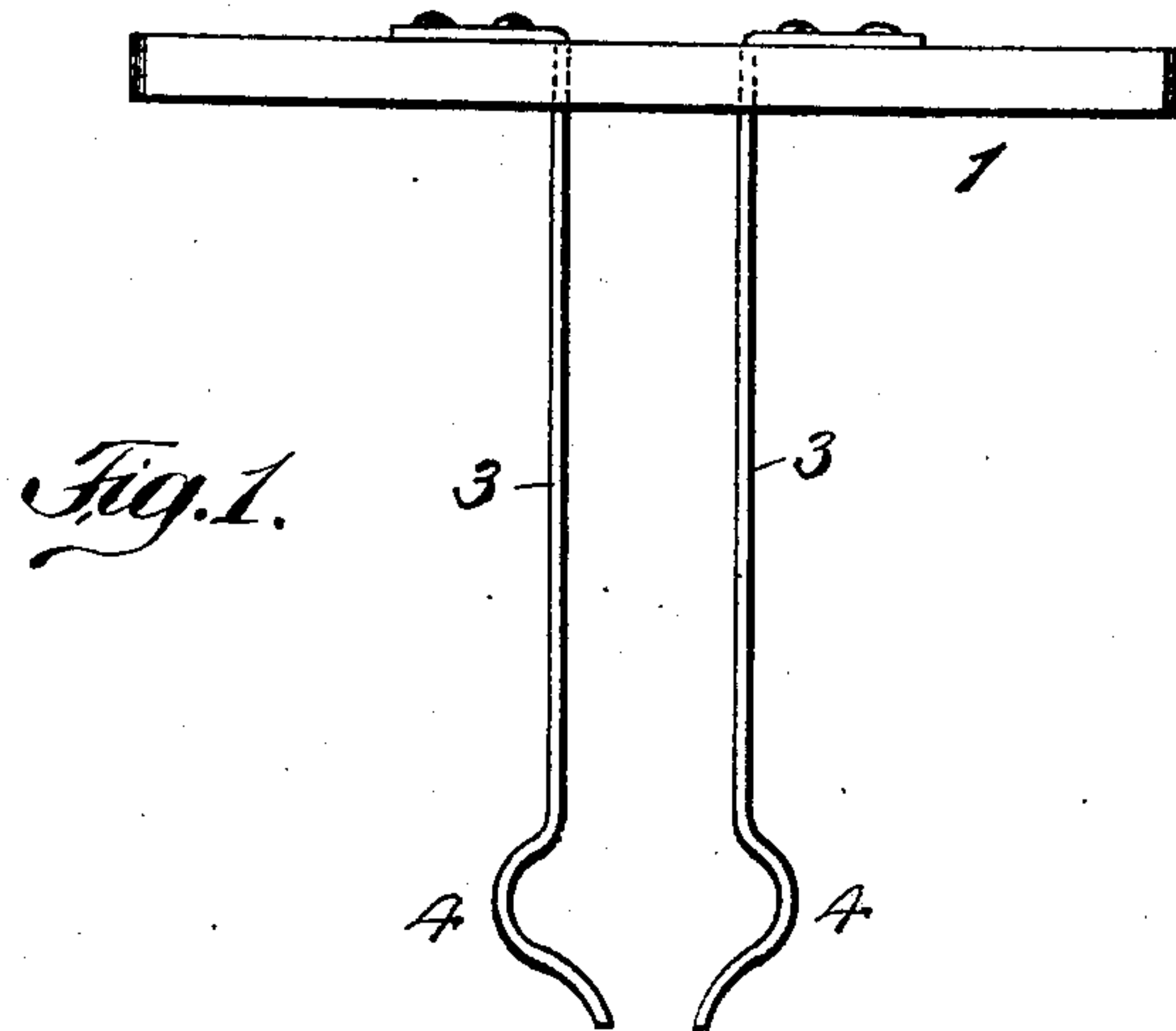


W. P. CATLIN.
BOTTLE LIFTER.
APPLICATION FILED MAR. 9, 1908.

903,670.

Patented Nov. 10, 1908.



WITNESSES
Julius H. Smith
Ethel Spearwater

INVENTOR
William P. Catlin
BY *A. M. Pierce*,
ATTORNEY.

UNITED STATES PATENT OFFICE.

WILLIAM P. CATLIN, OF NEW YORK, N. Y., ASSIGNOR TO J. KIRKNER & CO., OF
NEW YORK, N. Y.

BOTTLE-LIFTER.

No. 903,670.

Specification of Letters Patent.

Patented Nov. 10, 1908.

Application filed March 9, 1908. Serial No. 419,897.

To all whom it may concern:

Be it known that I, WILLIAM P. CATLIN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Bottle-Lifters, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates especially to devices for lifting demijohns, carboys, and like receptacles, and has for its object the provision of a simple and effective bottle-lifter where-with any kind of demijohn, or the equivalent may be raised and carried without touching its exterior.

To attain the desired end, my invention consists in a manipulating hand-piece, provided with projecting tongues having curves near their free extremities, adapted to enter the neck of a bottle, or the equivalent, means being provided for holding the tongues in an expanded position within the neck and body of the bottle; and my invention involves certain novel and useful combinations or arrangements of parts, and peculiarities of construction and operation, all of which will be hereinafter first fully described and then pointed out in the claim.

In the drawing, Figure 1 is a side elevation of my bottle-lifter. Fig. 2 is a vertical, sectional view thereof at line *a-a* of Fig. 3, as the lifter appears when in use. Fig. 3 is a plan view of the lifter.

Similar numerals of reference, wherever they occur, indicate corresponding parts in all the figures.

1 is a manipulating hand-piece, preferably made of wood.

2 is a perforation in the hand-piece.

3 are tongues, preferably made of spring metal, fastened to the hand-piece, and extending therefrom at right angles at the sides of the perforation 2. Near the free ends of the tongues 3 are outwardly extending bends or curves 4.

5 is a plug made of any preferred material.

My invention is particularly useful in lifting and moving large bottles, demijohns, carboys and similar receptacles where it is necessary to lift them without touching the neck or body of such receptacle with the hands, and is especially adapted for lifting receptacles which have been covered or inclosed in a jacket of pulp, while the pulp is soft or wet. In use, the tongues are pushed into the neck of the receptacle until the curved portions 4 pass the shoulder, and then the plug 5 is inserted, holding the tongues against being withdrawn, and insuring a perfect hold upon the receptacle and providing effective means for lifting and carrying the same. When the plug 5 is extracted the tongues are free for withdrawal. My bottle lifter is particularly useful for suspending pulp-coated receptacles in an oven while drying said coating.

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

As a new article of manufacture, a bottle lifter in which is comprised a hand-piece having a perforation therethrough, a plurality of tongues made of spring metal rigidly secured to the hand-piece at the sides of the perforation therein and normally drawn toward each other at their free ends by the spring action of the material of which they are formed, and a removable plug adapted and arranged to pass through the perforation in the hand-piece, and between the tongues, substantially as shown and described.

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

WILLIAM P. CATLIN.

Witnesses:

LOUIS F. BRAUN,
A. M. PIERCE.