

(No Model.)

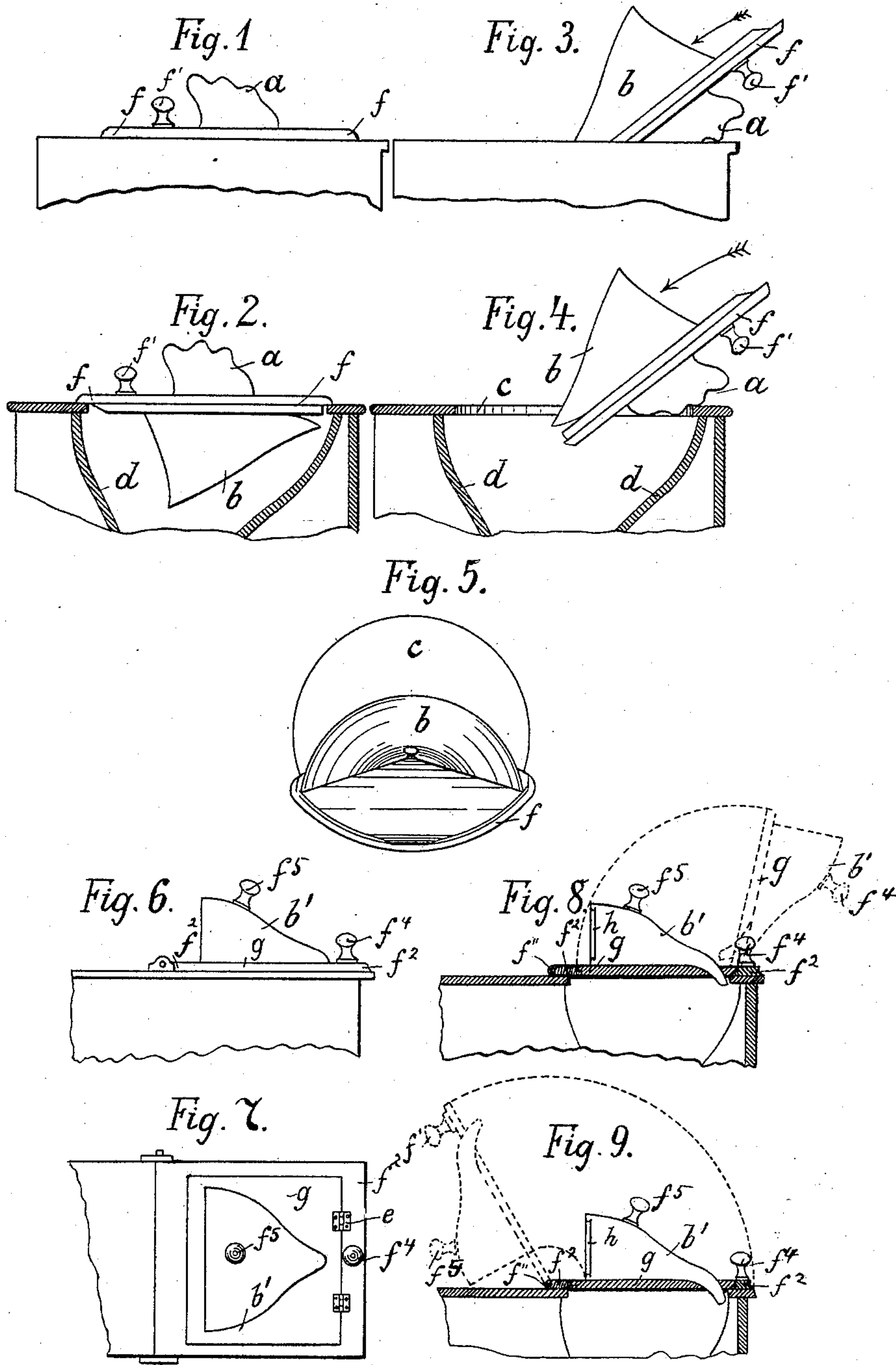
M. SCHUBERT.

2 Sheets—Sheet 1.

WATER CLOSET COVER.

No. 473,714.

Patented Apr. 26, 1892.



WITNESSES:
Charles Schneider
Charles Ples

INVENTOR
M. Schubert
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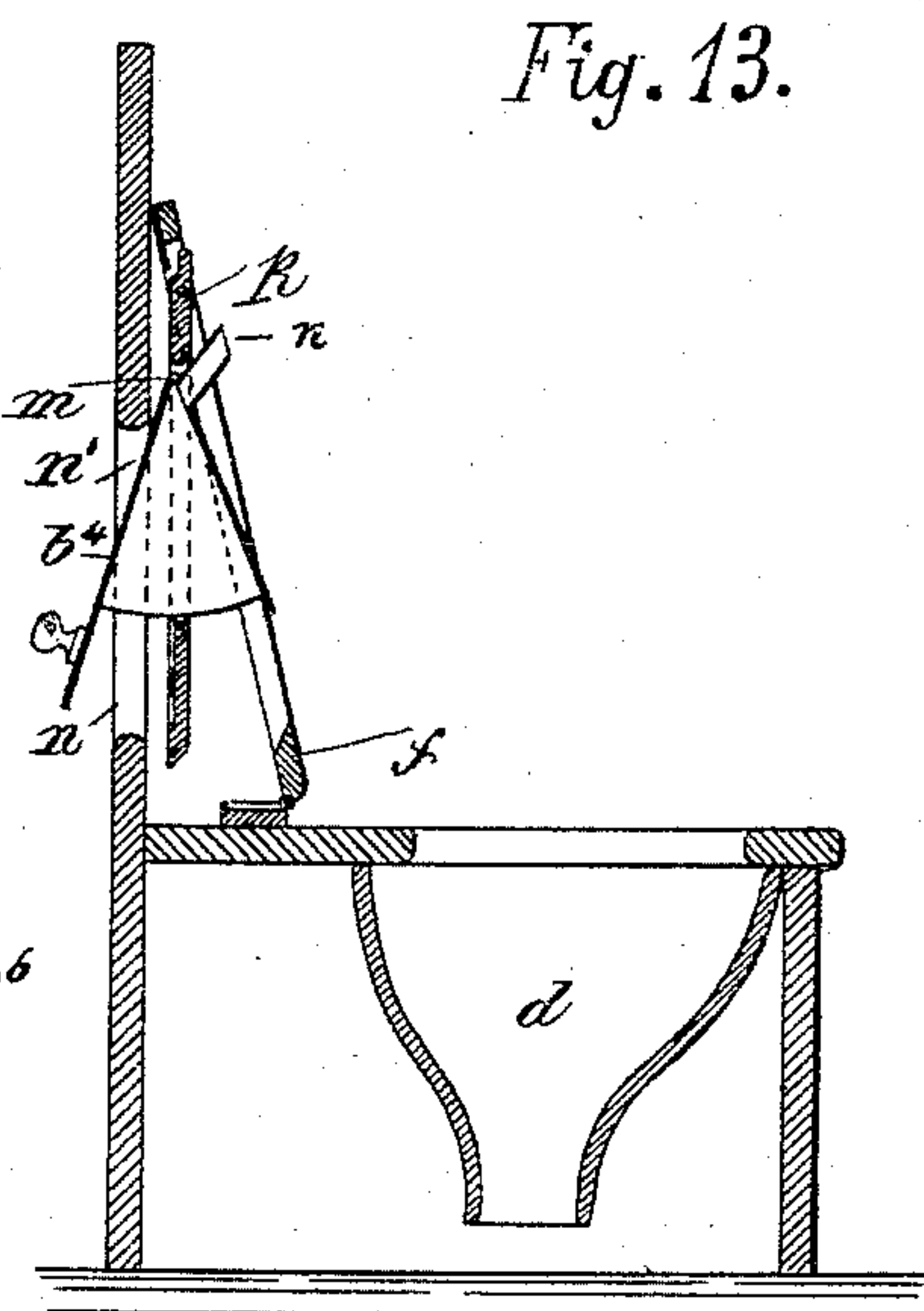
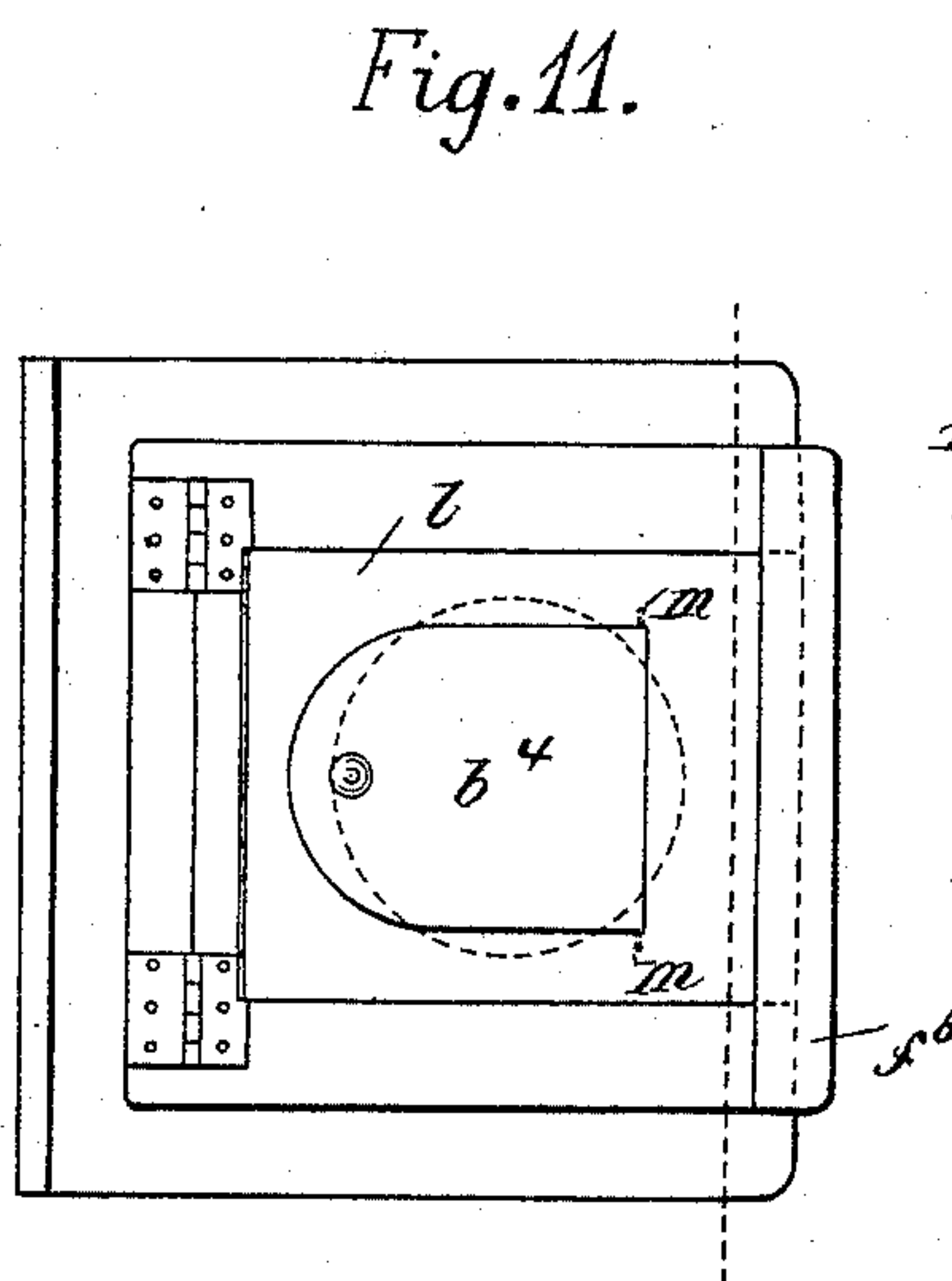
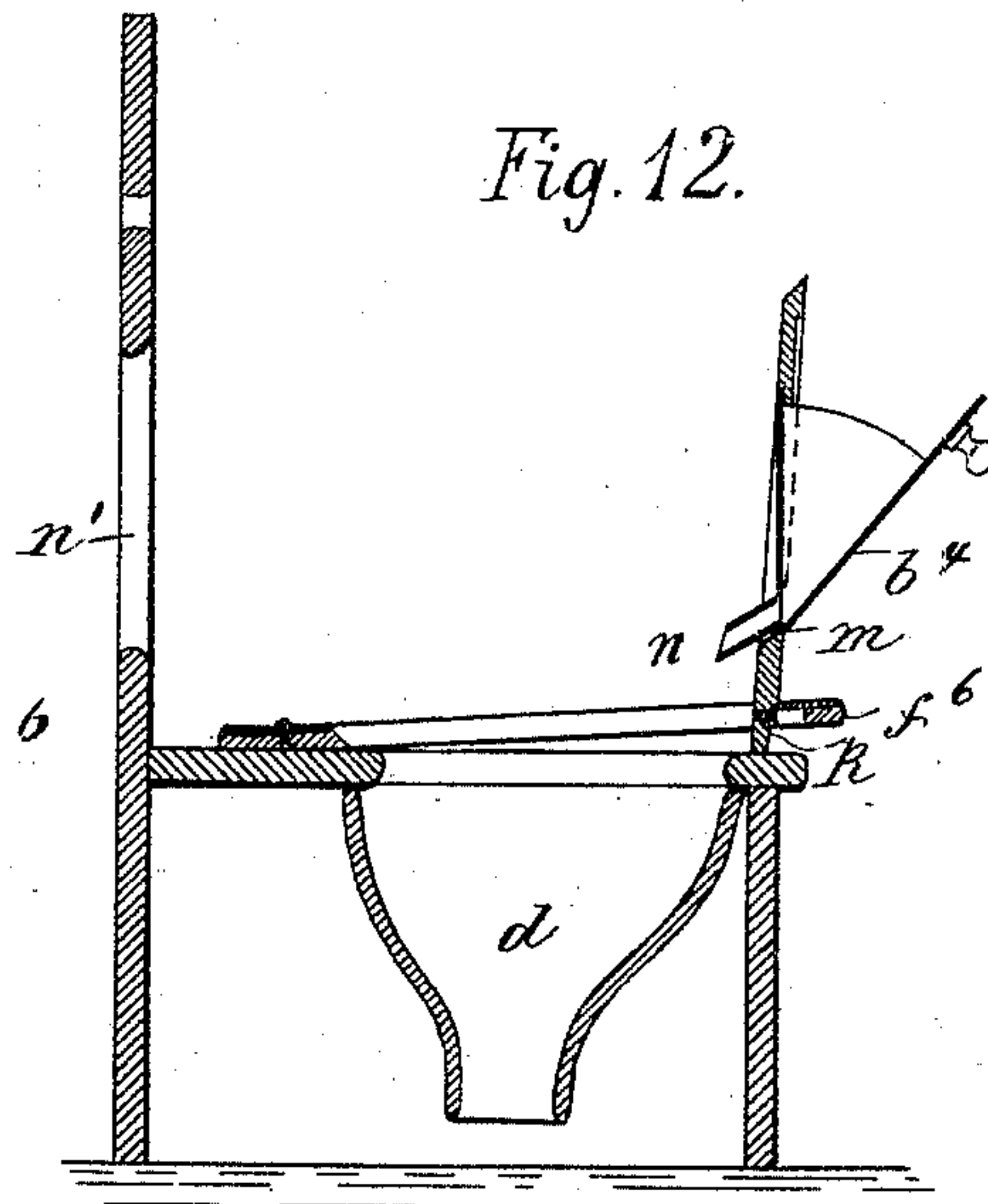
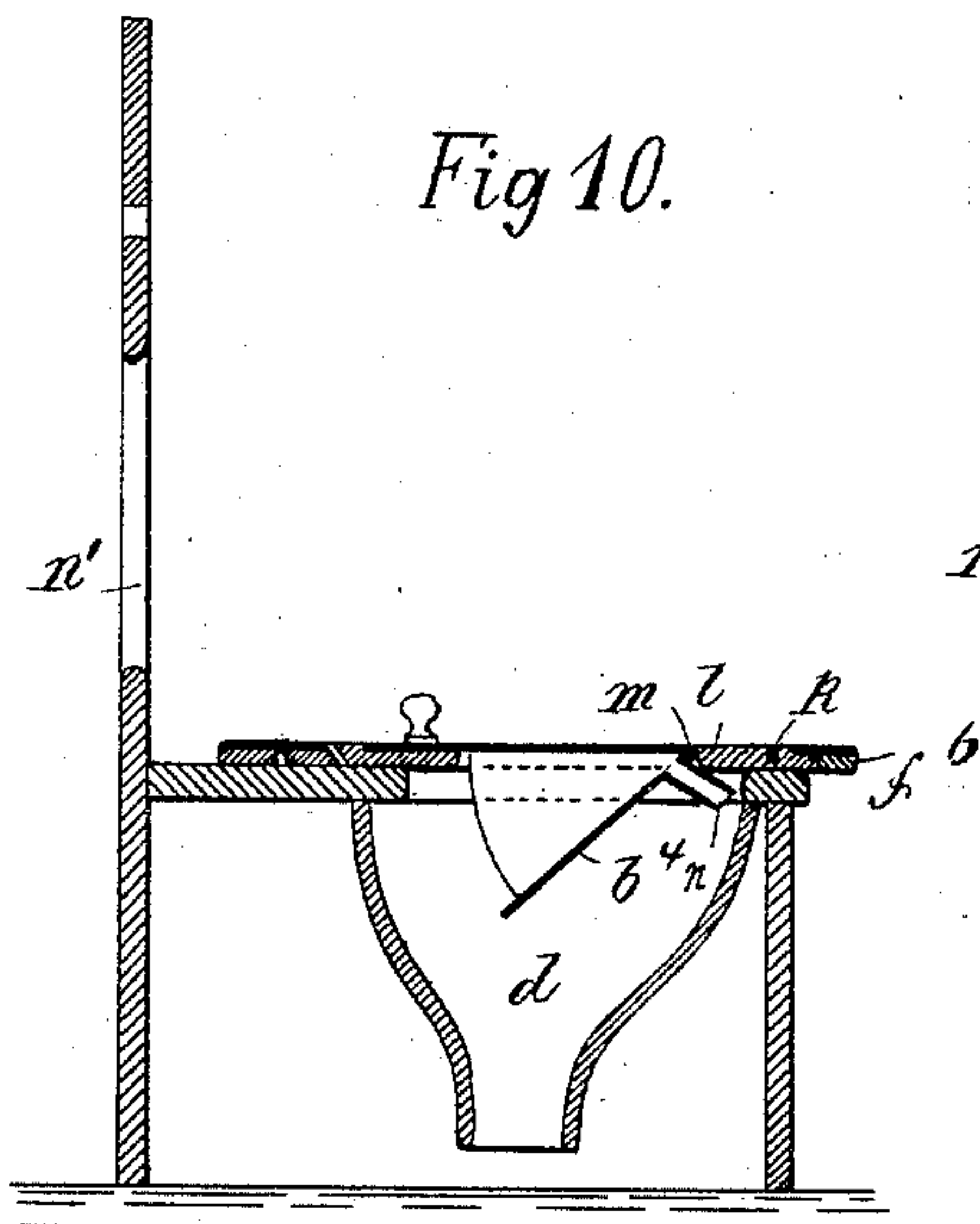
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2 Sheets—Sheet 2.

M. SCHUBERT.
WATER CLOSET COVER.

No. 473,714.

Patented Apr. 26, 1892.



WITNESSES:
Charles Schroeder
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UNITED STATES PATENT OFFICE.

MAX SCHUBERT, OF COTTBUS, ASSIGNOR OF ONE-HALF TO MORITZ KOHN, OF
BERLIN, GERMANY.

WATER-CLOSET COVER.

SPECIFICATION forming part of Letters Patent No. 473,714, dated April 26, 1892.

Application filed August 25, 1891. Serial No. 403,665. (No model.) Patented in Germany February 4, 1890, No. 53,157.

To all whom it may concern:

Be it known that I, MAX SCHUBERT, merchant, a subject of the King of Prussia, and a resident of Cottbus, Germany, have made certain Improvements in Water-Closet Covers, (for which I have obtained Letters Patent in Germany, No. 53,157, dated February 4, 1890, and April 2, 1890,) of which the following is a specification.

10 The object of my invention is to provide a new and improved cover for water-closets, which cover is adapted for use as a urinal, and thus serves to prevent soiling of the water-closet seat.

15 The invention consists in the combination, with a water-closet cover, of a funnel secured to the under side of the same, so as to form a urinating-vessel when the cover is opened, which vessel is provided at the top with a large opening and at the lower end with a small outlet-opening.

20 The invention also consists in the construction and combination of parts and details, which will be fully described hereinafter, and finally pointed out in the claim.

25 In the accompanying drawings, Figure 1 is a side view of the upper part of a water-closet provided with a cover having attached thereto my improved urinal, the cover being closed.

30 Fig. 2 is a small view showing a section through the water-closet bowl. Fig. 3 is a side view showing the cover raised and the urinal in position for use. Fig. 4 is a similar view showing the bowl in section. Fig. 5 is a top view of the cover when raised. Fig. 6 is a side view of the upper part of the water-closet with a modification of the urinal, the cover being closed. Fig. 7 is a plan view of the same. Figs. 8 and 9 are sectional views, the cover being closed. Fig. 10 is a vertical transverse sectional view of a water-closet having a cover provided with a modified urinal, the cover being closed. Fig. 11 is a plan view, the cover being closed. Fig. 12 is a sectional view showing the cover raised; and Fig. 13 is a sectional view showing the entire seat raised.

Similar letters of reference indicate corresponding parts.

50 The cover *f* of the water-closet seat *d* is made

circular and is entirely detachable. It is provided on its upper surface with a knob *f'* and with an upwardly-projecting lug *a*, having a series of notches in its upper edge. To the under side of the said cover *f* a funnel-shaped vessel *b*, made of iron, porcelain, or other material, is secured. Ordinarily the cover is in the position shown in Figs. 1 and 2 and covers the top of the bowl. When the cover is to be used as a urinal, it is seized by the handle *f'* and brought into inclined position, as shown in Figs. 3 and 4, in which position it is held by the engagement of the edge of the seat with one of the notches of the lug *a*. The vessel *b* then serves as a urinal proper and the urine passes into the same at the wider upper end, as indicated by the arrow, passes into the bowl through the smaller bottom opening of said vessel, thus protecting the seat from being moistened or soiled. In the construction shown in Figs. 6 and 9 the rectangular cover *f*² is hinged to the top of the seat and is provided with a square opening, into which the hinged plate *g* fits. The cover *f*² has a knob *f*⁴ for lifting it at the front edge. The funnel-shaped vessel *b'* is secured upon the upper surface of the hinged plate *g* and is provided with a knob *f*⁵. The lower nozzle end of said vessel *b'* passes through the hinged plate *g* at or near the hinged end of the same.

h are drip-grooves at the side.

When the urinal is to be used, the knob *f*⁵ is seized and the plate *g* is brought into the position shown in Fig. 8, whereby the urinal *b'* is brought into a position beyond the front of the seat. The urine passes from the vessel *b* through the bottom neck of the said vessel into the water-closet bowl. When the water-closet is to be used for other purposes, the entire seat is lifted and brought into the position shown in dotted lines in Fig. 9.

In the construction shown in Figs. 10 to 12 the cover *f*⁶ is hinged to the seat at the back, and is provided with an opening, in which the plate *l* is hinged at or near the front of said cover, and in an opening in said plate *l* the vessel *b*⁴ is hinged, being provided at its lower end with an outlet-nozzle *n*. Ordinarily the parts are in the positions shown in Figs. 10 and 11. When the urinal is to be used, the plate

l is swung into the position shown in Fig. 12, which causes the vessel b^4 to swing outward, as shown, thus adapting it to be used as a urinal. When the plate l is swung down into the opening in the seat f^6 , the vessel b^4 swings back into its position, as shown in Fig. 10. When the water-closet is to be used for other purposes and the seat is raised, as shown in Fig. 13, the vessel b swings into an opening n' in the wall behind the water-closet, and is thus entirely out of the way. This urinal attachment for the seat effectively protects the seat from being soiled or moistened and is more convenient for the person urinating than an ordinary water-closet bowl is.

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

The combination, with a water-closet-seat cover, of a funnel-shaped urinating-vessel hinged to the same and mounted to swing to the front of the seat and provided with an outlet-tube, substantially as set forth.

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

MAX SCHUBERT.

Witnesses:

K. E. DETYNO,
PAUL FISCHER.