

H. R. KIESSIG.
CLOSET ATTACHMENT.
APPLICATION FILED MAY 19, 1909.

1,038,388.

Patented Sept. 10, 1912.

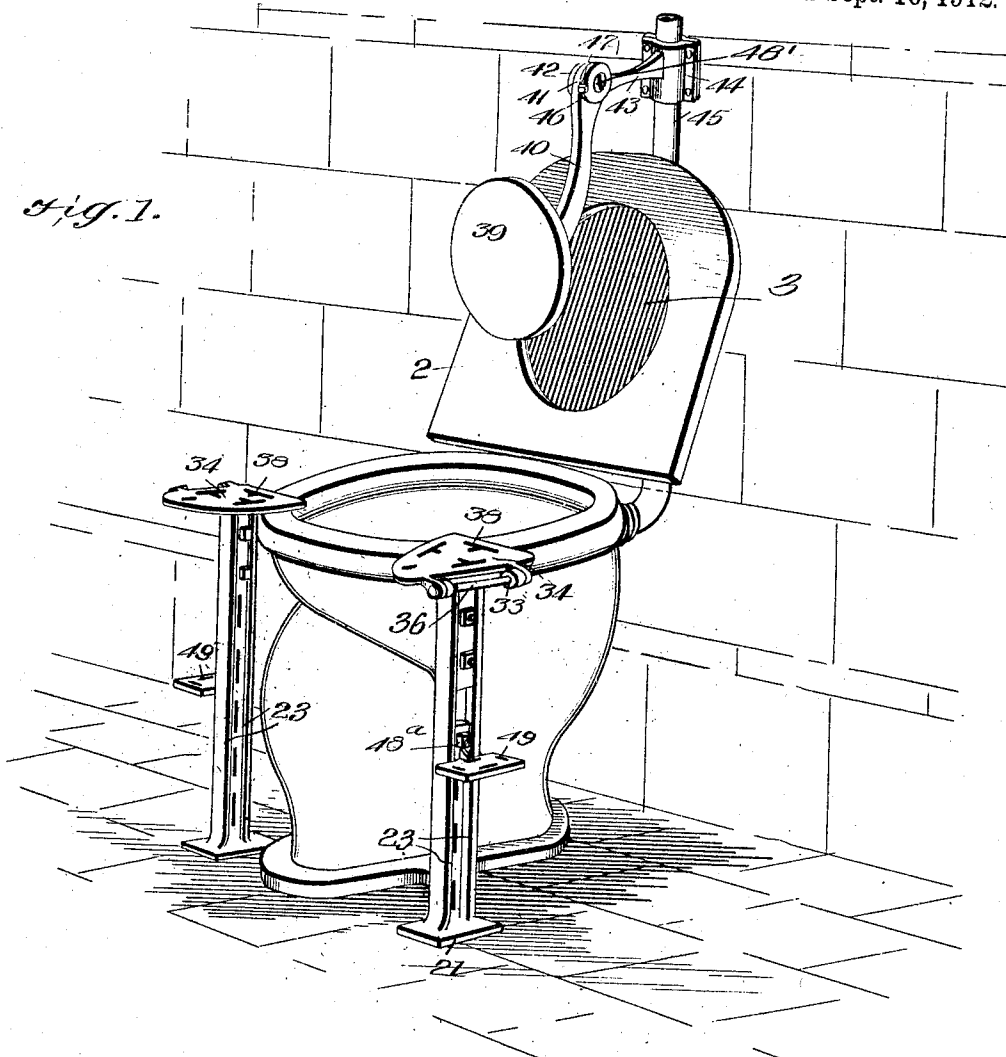
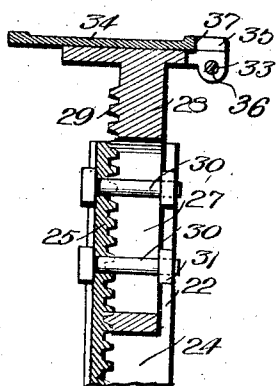
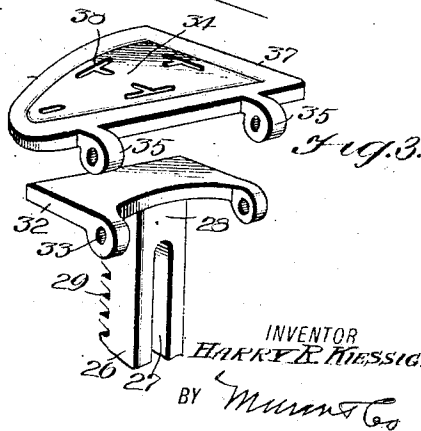


Fig. 2.



WITNESSES
F. C. Barry
C. E. Thomas



INVENTOR
HARRY R. KIESSIG.
BY *Munn & Co.*

ATTORNEYS

UNITED STATES PATENT OFFICE.

HARRY R. KIESSIG, OF SACRAMENTO, CALIFORNIA.

CLOSET ATTACHMENT.

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All whom it may concern:

Be it known that I, HARRY R. KIESSIG, a citizen of the United States, residing at Sacramento, in the county of Sacramento and State of California, have invented a new and useful Improvement in Closet Attachments, of which the following is a specification.

My invention is an improvement in closet attachments, and consists in certain novel constructions and combination of parts hereinafter described and claimed.

The object of the invention is to provide a device, in using which one may assume the natural crouching position with the feet elevated to approximately the level of the buttocks, and without the bare skin coming in contact with any part of the seat, and which may be used in the ordinary manner if so desired.

Referring to the drawings forming a part hereof, Figure 1 is a perspective view of the improved attachment. Fig. 2 is a longitudinal section of one of the foot rests. Fig. 3 is a perspective view of the same.

It will be observed, that foot plates are arranged adjacent to the bowl and on each side thereof, and that the said foot-plates extend over the edge of the bowl, and that they are hinged to swing away from the bowl in order that the opening may be left clear.

The present embodiment of the invention comprises a pair of foot rests arranged in front and at each side of the bowl 1, which may be provided with the usual seat ring 2, and cover 3, and a back seat rest is also provided. Each of the foot rests consists of a standard 20, having a base 21, which may be secured to the floor in any suitable manner, the standard consisting of front and back bars 22 and 23, connected by a web 24. The web 24 is provided on one side with a series of rack teeth 25, and a bar 26 is provided with a similar series 29, which mesh with the first named series. The bar is also provided with a longitudinal slot 27, through which pass bolts 30, which also pass through openings in the standard, for securing the parts in adjusted position. It will be evident from the description, that by loosening the nuts 31 of the bolts, and disengaging the rack teeth, the bar may be moved longitudinally of the standard.

The bars are provided at their tops with an integral plate 32, having at one edge perforated lugs 33, and a foot plate 34 is provided with perforated lugs 35, whose openings register with the openings of the lugs 33, when the foot plate is superimposed thereon, and pins or rivets 36 traverse the registering openings for securing the parts together. The foot plates are substantially triangular in shape, and are provided with a marginal rib 37, and with openings 38 inside of the rib, the openings being provided for the passage of dirt, and also to furnish a roughened surface for engagement by the feet. The back consists of a circular plate 39, secured in any suitable manner to one end of an arm 40, whose other end is provided with a flattened lug 41, received between spaced ears 42 on an arm 43 projecting laterally from a bearing 44, the bearing embracing the water-pipe 45 and being secured on each side thereof. One of the ears 42 is provided with an eccentric portion, separated from the peripheral surface of the ear, by a square shoulder 46, and the flattened lug is provided with a projection 47 for engaging the shoulder to limit the downward movement of the arm. The lug 41 and the ears 42 are provided with registering openings, and a pivot pin 48' traverses the openings for pivotally securing the arm to the lug. Each of the shoulders is also provided with a step 49, to assist the user in mounting to the bowl and the step is secured to the standard by a bolt 48^a. With the above construction, the back may be raised, to permit the cover and seat ring to be lifted into the position shown in Fig. 1, and when released the back returns to its original position by gravity.

As is well known, the crouching position is the most favorable for an easy and complete evacuation, on account of anatomical and physiological reasons not necessary to state herein, and with the above described construction this position may be assumed, or the usual sitting position as desired. In the embodiment shown no changes need be made in the usual equipment of the bowl, it only being necessary to secure the standards in place, and the said standards are far enough apart, to not interfere with one occupying a sitting position on the seat.

The point of pivotal connection between the arm 40 and the arm 43, is far enough from the wall to permit the back to rest either in the downward position shown in Fig. 1 or against the wall.

I claim

1. In a water closet, the combination with the bowl of a standard at each side of the bowl at the front thereof, each of said standards having upon one side thereof a series of rack teeth, a bar provided with a longitudinal slot and with rack teeth for engaging the first named teeth, said standards having openings registering with the slot, bolts traversing the openings and the slot for securing the parts together, said bar having at the upper end thereof an integral plate, a foot rest hinged to the plate, a lug supported above the bowl, an arm hinged to the lug, means for limiting the downward movement of the arm, and a back secured to the arm.

2. In a water closet, the combination with the bowl, of a standard at each side of the bowl at the front thereof, a bar provided at its upper end with an integral plate ad-

justable longitudinally of the standard, and a foot rest hinged to the plate.

3. In a water closet, the combination with a bowl, of a standard at each side of the bowl at the front thereof, a bar adjustable longitudinally of the standard, and a foot rest hinged to the upper end thereof.

4. In a water closet, the combination with the bowl, of a standard at each side of the bowl at the front thereof, a bar adjustable longitudinally of the standard, and a foot rest on the bar.

5. In a water closet, the combination with a bowl, of a standard at each side of the bowl at the front thereof, and a foot rest supported by each standard.

6. The combination with a water closet bowl of a foot rest at each side thereof, and at approximately the level of the bowl top, and means for varying the height of the rests with respect to the bowl.

HARRY R. KIESSIG.

Witnesses:

A. E. GRADY,
J. B. HOVEL.