J. MORRISON.

WATER CLOSET SEAT.

APPLICATION FILED SEPT. 4, 1906.

920,608. **Patented May 4, 1909.**

FIG. 1.

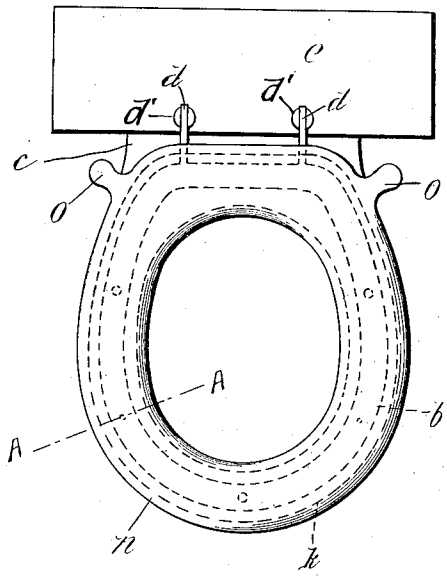


FIG. 3.

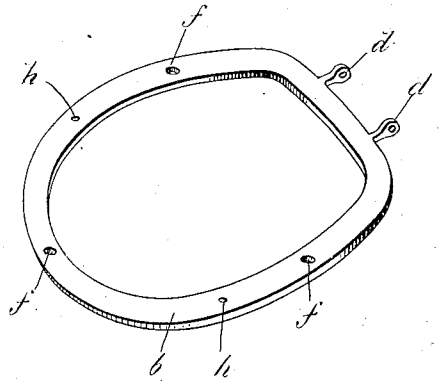
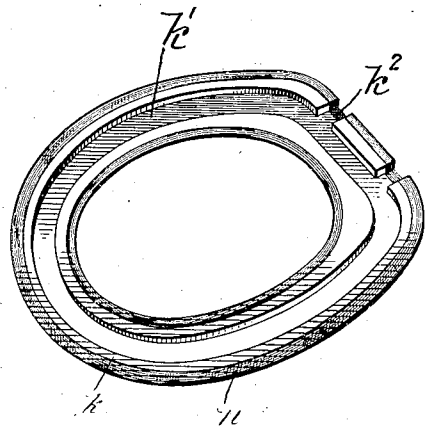
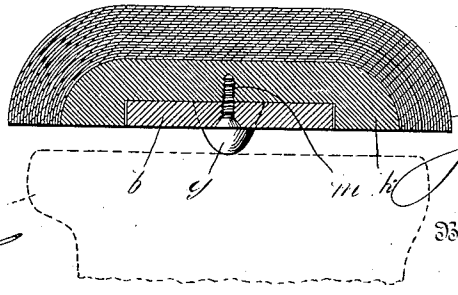


FIG. 2.

FIG. 4.





Witnesses

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UNITED STATES PATENT OFFICE.

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WATER-CLOSET SEAT.

No. 920,608. Specification of Letters Patent. Patented May 4, 1909.

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To all whom it may concern:

Be it known that I, JAMES MORRISON, of the city of Montreal, Province of Quebec, Canada, have invented certain new and useful Improvements in Water-Closet Seats; and I do hereby declare that the following is a full, clear, and exact description of the same.

The invention relates to means for rendering water closet seats sanitary and has for its object to furnish a protector as a part of and complete upper covering for a hinged seat of simple construction and few parts.

In carrying out my invention I construct the seat of, first, a metal frame of substantially ring-form of restricted dimensions which is permanently hinged to the customary back wooden frame or casing of the water closet, secondly, a portable wooden frame or carrier of substantially the same ring form as the metal frame and also of restricted dimensions and recessed on its under side to fit such frame and be detachably secured thereto, and thirdly, a protecting pad of paper of the same contour as the wooden carrier covering every part of the upper and side surfaces of such carrier and each sheet of the pad presenting lugs, situated at the rear of the seat but sufficiently to one side to avoid all possibility of being soiled, whereby each sheet may be removed.

In the accompanying drawings, to which reference must be had for full comprehension of the invention, similar reference characters indicate the same parts and Figure 1 is a plan view of a water closet seat constructed according to my invention; Fig. 2 is a transverse sectional view taken on line A A Fig. 1; Fig. 3 is a detail perspective view of the base frame of the device, and Fig. 4 is a similar view to Fig. 3 of the removable frame reversed.

b is the metal frame of ring-form conforming to the contour of the rim of the bowl *c* and provided with a pair of hinge members *d d* to connect with other hinge members *d' d'* carried by the usual back frame or casing *e* of the closet, while downwardly tapered perforations *f* are formed in the frame to receive rubber cushions *g* which project beyond the lower surface of the frame, and screw holes *h* alternate with the cushion perforations.

k is the portable wooden frame or pad-carrier which corresponds in contour and exceeds slightly in dimensions the metal frame *b* and has its underside recessed as at *k'* and *k²* to enable it to be fitted upon the metal frame, screws *m* inserted through the holes *h* of the latter and entering the carrier serving to hold it in place.

n is the protecting pad composed of a plurality of superimposed sheets of tissue paper or any other suitable material corresponding in contour with the carrier *k* except that from each sheet at the rear ends of its side edges so as to avoid all possibility of being soiled, lugs *o*, *o*, project, whereby the sheet may be handled and removed.

The sheets of paper forming the pad are of a size to completely cover every part of the upper and side surfaces of the carrier, the upper corner edges of which are rounded to facilitate the fitting and carrying of the pad, and such sheets, except the lug portions *o*, are connected together at their edges by an adhesive, preferably waterproof, which adhesive is also used for securing the pad to the carrier.

When a pad is finished its carrier *k* can be removed, after withdrawing the screws *m*, and a fresh carrier with pad thereon substituted.

From the foregoing it will be obvious that there is practically no permanently exposed surface because every part of the top, front, rear, and side portions of the seat is covered by the protecting pad, the form of hinged base frame and the carrier, constituting the seat proper, enabling me to completely protect every part of the same except of course the underside.

It will also be noted that the location and downward projection of the lugs, whereby the sheets of the pad are handled, reduce to a minimum all chance of their being soiled or coming in contact with the user of the closet as might be the case were they situated in front or at the side of the sheet.

What I claim is as follows:—

1. In a water closet, a seat comprising a metal frame of substantially ring form, a wooden carrier of substantially the same form as but slightly wider than the metal frame and adapted to be detachably secured thereto, and a projecting pad of substantially the same contour as the carrier secured to and completely covering the upper and side surfaces of the carrier, such pad being com-

posed of a plurality of detachable sheets of paper with projecting lugs at the rear ends of their side edges.

2. In a water closet, the combination with the closet frame having hinge members thereon and the bowl, of a seat adapted to be hinged to said closet frame and supported by the bowl, said seat comprising a metal frame of substantially ring form having hinge members projecting from the rear thereof to connect with the hinge members of the closet frame and having cushions projecting from its underside to rest on the bowl, a portable wooden frame or pad-carrier of substantially the same contour as the metal frame with recessed underside to fit said metal frame and detachably carried by it, and a protecting pad of substantially the same contour as the carrier secured to and completely covering the upper and side surfaces of the carrier, such pad being composed of a plurality of detachable sheets of paper with projecting lugs at the rear ends of their side edges and, excepting such lug portions, secured together at their edges, and means for detachably securing the carrier to the metal frame.

3. A protecting pad for water closet seats composed of a plurality of detachable sheets of paper of substantially ring-form with projecting lugs at the rear ends of their side edges.

4. In combination, a carrier of substantially ring-form and a protecting pad for water closet seats, the pad being composed of a plurality of detachable sheets of paper of substantially ring-form with their edges bent downward over the edge of the carrier and having lugs projecting downwardly from such edges.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

JAMES MORRISON.

Witnesses:
WILLIAM P. MCFEAT,
ARTHUR H. EVANS.