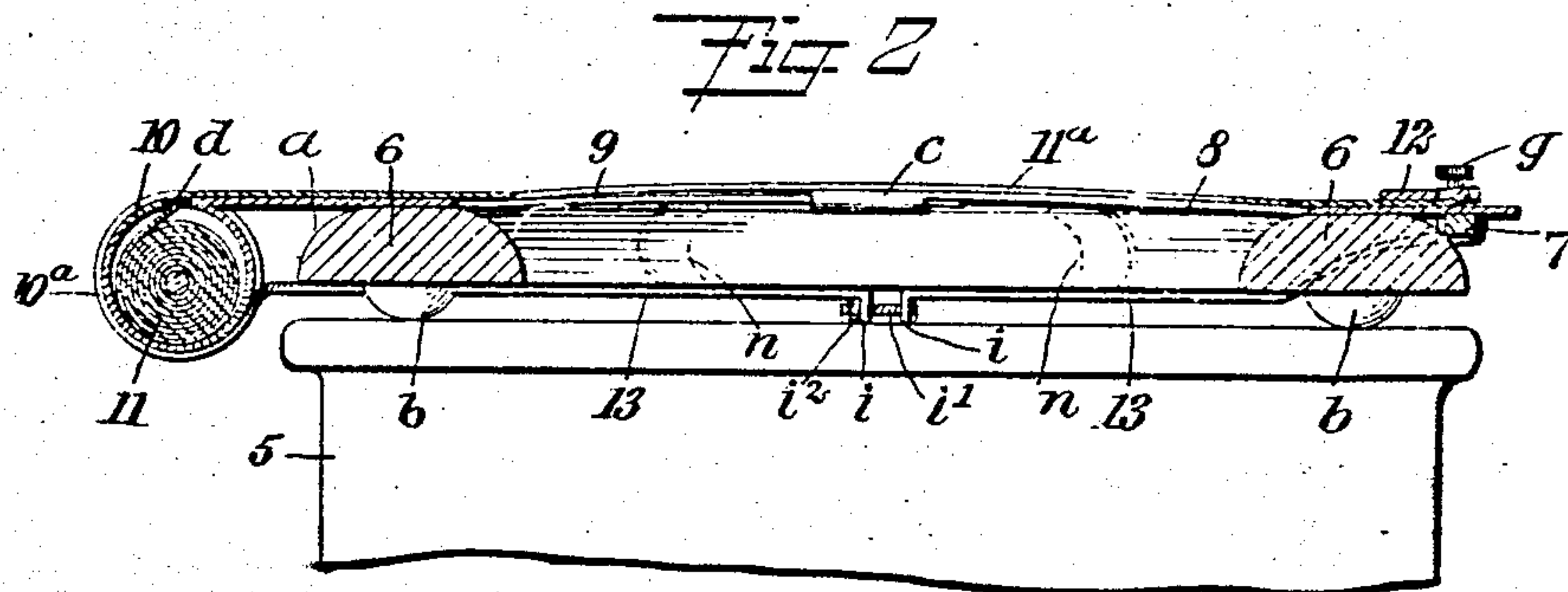
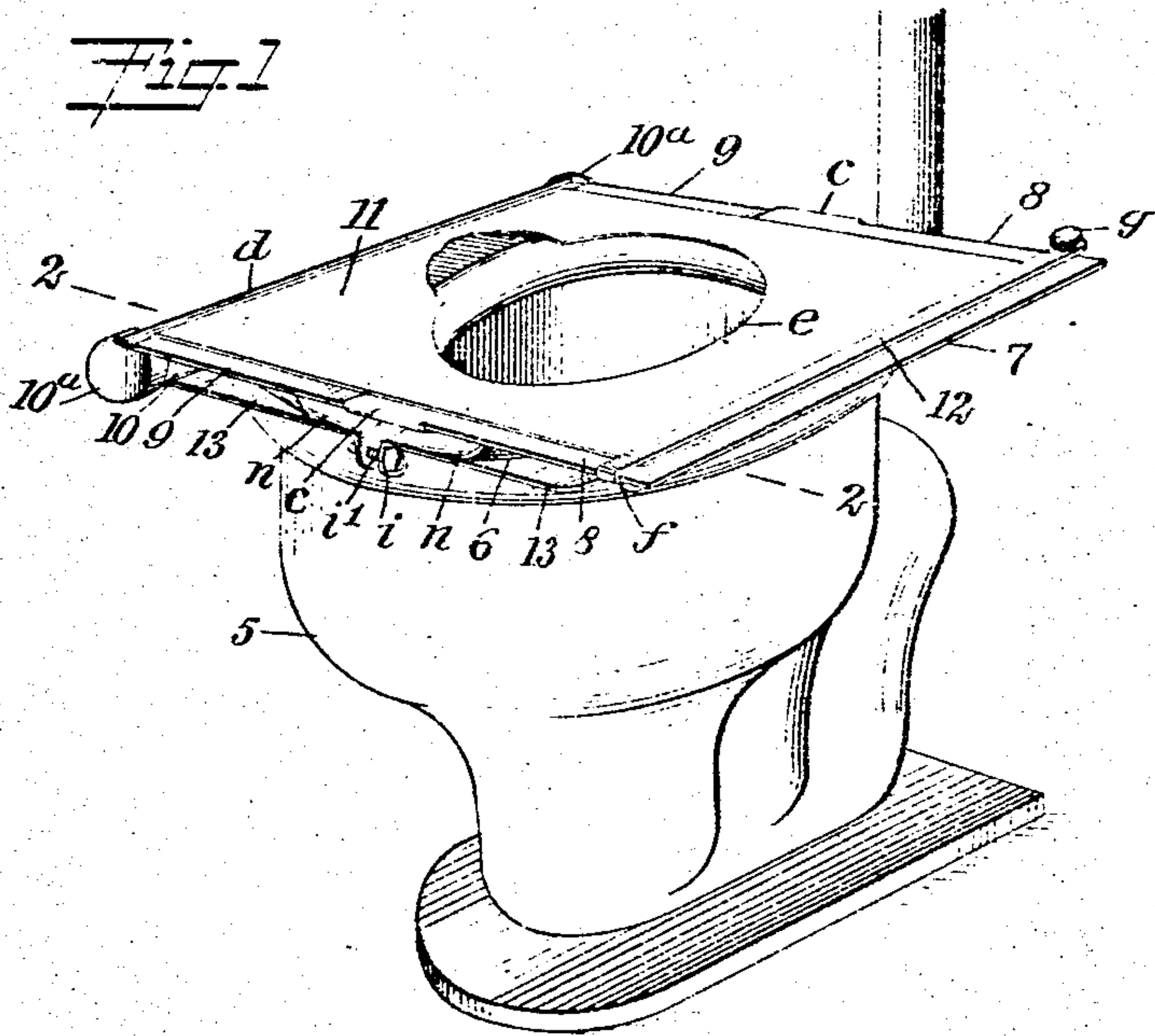


G. F. THOMPSON.
WATER CLOSET SEAT PROTECTOR.
APPLICATION FILED SEPT. 23, 1908.

914,898.

Patented Mar. 9, 1909.
2 SHEETS—SHEET 1.



WITNESSES
E. G. Bromley
Wm. L. Patton

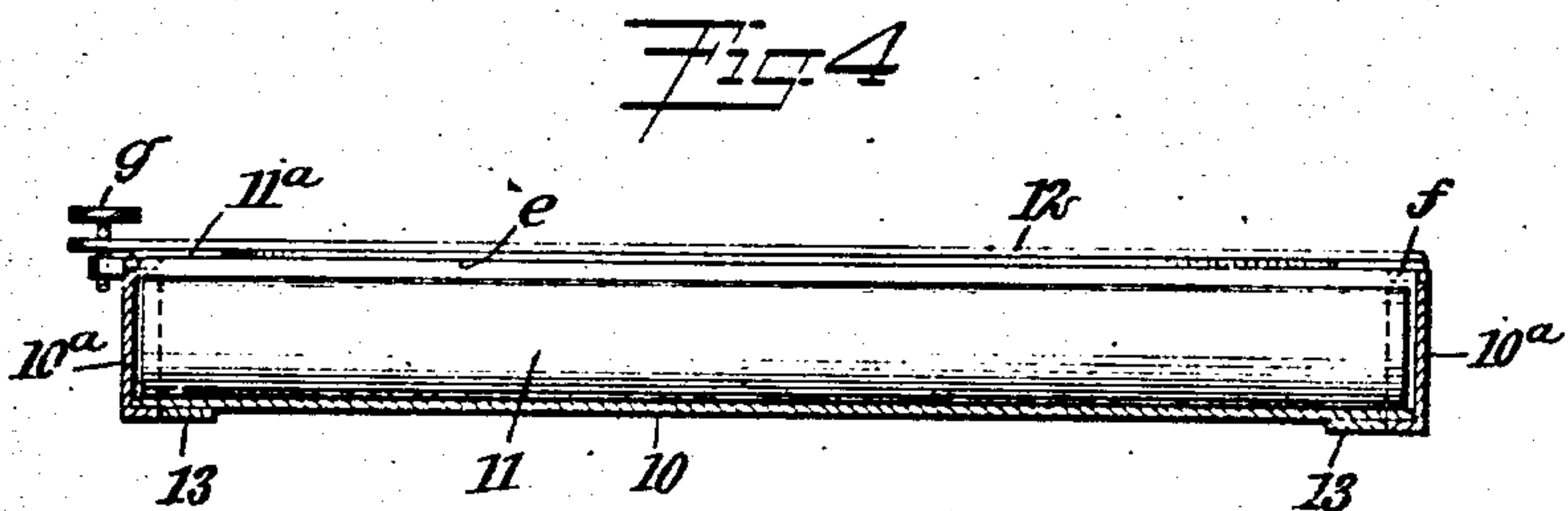
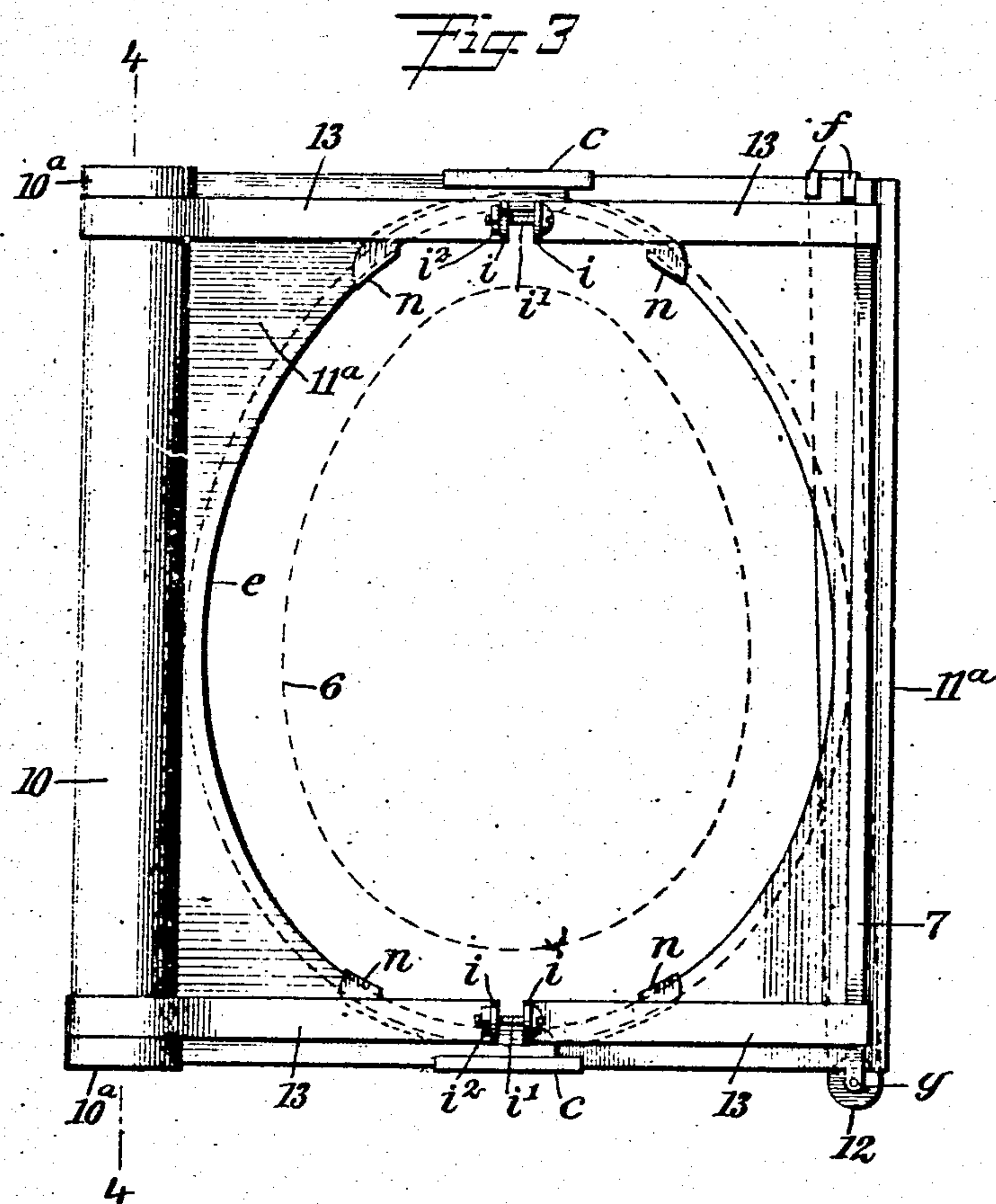
INVENTOR
George F. Thompson
BY *Munn & Co*
ATTORNEYS

G. F. THOMPSON.
WATER CLOSET SEAT PROTECTOR.
APPLICATION FILED SEPT. 23, 1908.

914,898.

Patented Mar. 9, 1909.

2 SHEETS—SHEET 3.



WITNESSES
E. J. Bromley.
Wm. J. Patton.

INVENTOR
George F. Thompson.
BY *Wm. J. Patton*
ATTORNEYS

UNITED STATES PATENT OFFICE.

GEORGE F. THOMPSON, OF EAST ORANGE, NEW JERSEY.

WATER-CLOSET-SEAT PROTECTOR.

No. 914,898.

Specification of Letters Patent.

Patented March 9, 1900.

Application filed September 23, 1908. Serial No. 454,405.

To all whom it may concern:

Be it known that I, GEORGE F. THOMPSON, a subject of the King of Great Britain, and a resident of East Orange, in the county of Essex and State of New Jersey, have invented a new and Improved Water-Closet-Seat Protector, of which the following is a full, clear, and exact description.

This invention relates to means for protecting a water closet seat from soiling or other contamination, and has for its object to provide novel details of construction for an appliance for a water closet seat, which affords convenient means for placing and holding taut a paper covering upon the seat, and also facilitates the substitution of a clean paper sheet for the one that has been used.

A further object is to provide a novel, easily attached appliance, that is adapted for quick and reliable imposed connection with a closet seat, is readily adjustable in dimensions for fitting upon seats that vary in size, is furnished with a paper roll holder from which a single sheet of paper may be withdrawn as required for use, and is provided with an adjustable cutter for severing a used sheet of paper from one that has been drawn into position for service.

The invention consists in the novel construction and combination of parts, as is hereinafter described, and defined in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view, showing the improvement applied upon a water closet seat; Fig. 2 is an enlarged transverse sectional view, substantially on the line 2--2 in Fig. 1; Fig. 3 is a reversed plan view of the device; and Fig. 4 is a transverse sectional view substantially on the line 4--4 in Fig. 3.

In the drawings, 5 indicates a water closet bowl, and 6 the seat board thereon. The latter has the usual annular form, is rounded on the upper face as shown at *a*, and flat on the lower face, from which project elastic buttons *b*, that have contact with the flat upper edge of the bowl 5, when the seat board is imposed thereon. The main portion of the improvement is in the form of a rectangular frame comprising two

sections, each constructed as follows. One half section of the holder frame consists of front transverse bar of metal 7, that is flat and rectangular in its body. From each end of the frame bar 7, a side bar 8 extends at a right angle therewith, said similar frame members being flat rectangular strips of metal. The other half of the holder frame comprises two flat rectangular side bars 9 similar to the frame bars 8. The bars 9 are spaced apart parallel with each other by a tubular paper roll receiver 10, which is equal in length with the front transverse bar 7, and upon said paper roll receiver near its open ends the rear ends of the frame side bars 9 are attached. The side bars 8 and 9 have sufficient length to permit them to lap one upon the other in pairs, and upon one of said side bars of each pair a tubular clip or box *c* is formed or secured, through which the corresponding frame member is inserted and fits neatly therein.

Upon the open ends of the tubular paper roll holder 10, closures 10^a in the form of dished caps or lids are removably mounted, these caps by removal affording means for inserting a paper roll 11. A slit *d* is formed in the upper side of the paper roll holder 10, and extends throughout its length, so that the roll 11, of paper having suitable spaced openings *e* therein may be withdrawn at one end through the slit *d* and drawn forwardly over the seat board, the opening in the paper sheet that is imposed upon the seat board registering with the aperture in the latter.

A keeper strip 12 is adjustably secured on the side frame members 8, near their forward ends, and extends across the holder frame adjacent to the front frame bar 7, one end of said keeper strip having flat loops *f* formed thereon, that have a hooked engagement with the side bar section with which it is to be connected. The other end of the keeper strip 12 is mounted upon a corresponding side frame bar 8, and is thereto removably secured by a clamping screw *g*, and it will be seen that if a paper covering 11^a that has been drawn from the roll 11 has its front end passed between the holder frame and the keeper strip, the frictional contact of said parts will hold the paper in taut condition imposed upon the upper surface of the seat board 6. Two pairs of clamping strips are provided for detachably securing the paper holding frame upon the seat board 6, each pair consisting of two thin flat metal bars 13,

that are of an equal length. The clamping strips 13, forming each pair, respectively have one end thereof secured upon the under side of the frame cross bar 7, at its end, and upon the end portion of the tubular paper holder 10, below and properly spaced from a corresponding end of a rear frame side bar 9, as shown in Fig. 2. The adjacent ends of each aligned pair of clamping strips 13, are bent down at a right angle, thus producing spaced flanges i thereon, said pair of flanges being oppositely perforated and connected by a threaded bolt i' that fits loosely in the paired flanges, and has threaded engagement with the nuts i'' on the opposite ends of said bolts, as shown in Fig. 3. The clamping strips 13, at each side of the paper-holding frame, are so spaced therefrom that the side bars 8, 9 and the strips 13 will receive between them an edge portion of the seat board 6, that will be gripped thereby upon a proper adjustment of the bolts i' and nuts i'' . To enable the lateral adjustment of the paper-holding frame on the seat board 6, a bent flange n is formed or secured on each member 13 of the clamping device at each side of the holder frame, said flanges on each pair of strips 13 being spaced apart and so shaped that they will bear against the curved sides of the seat board at opposite points, and thus prevent a lateral displacement of the paper-holding frame in relation to the aperture in the seat board.

It will be noted in the drawings, that the position given to the paper-holding frame disposes the tubular receiver 10, at one side of the seat board, and the keeper strip 12, at the opposite side thereof, but this arrangement is not imperatively necessary, as the disposal of the paper-holding frame will be controlled by the shape of the seat board, and the arrangement of the spaced apertures in the roll 11 of paper that is to be imposed upon said seat board.

It is claimed for the improvement that it is extremely simple, is made entirely of metal that may be plated with nickel or otherwise rendered rust-proof, that it may be readily detached and replaced, as occasion may require, and that it enables the user of the water closet to renew a paper cover for the seat board quickly, and thus insure a sanitary condition.

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

1. A closet seat protecting device, embodying a frame having means for attaching it to a seat, a tubular paper roll receiver on one side of the frame, and a paper sheet-keeper strip on the frame at an opposite side thereof.

2. A closet seat protecting device, embodying a rectangular frame that is adjusted in width, a tubular paper roll receiver on one

side of the frame having a delivery slit longitudinally therein, a paper sheet-keeper strip on the frame disposed opposite the receiver, and means for detachably securing the rectangular frame on an apertured seat board.

3. A closet seat protecting device embodying an attachable paper-holding frame having adjustable side members, a tubular paper roll receiver having a longitudinal slit therein for delivering a paper sheet from a paper roll in the receiver, an adjustable paper sheet-keeper strip that is also a paper cutter, and is secured along an opposite side of the frame from the tubular receiver, and clamping means for detachably securing the frame on a seat board.

4. A closet seat protecting device, embodying a rectangular frame formed in two sections that are slidably connected together by clips that engage lapped end portions of the frame side bars, a paper roll holder on one side of one frame section, a paper sheet-keeper strip adjustably secured on a side bar of the other frame section opposite the paper roll holder, and two pairs of clamping strips secured along the sides of the holder frame, and adapted for clamping said frame on a seat board.

5. The combination with a water closet seat board, of a protecting means for the seat board, embodying a rectangular frame formed of flat metal bars, said frame being adjustable in dimensions, a tubular paper roll receiver along one side of the frame and having a longitudinal slit therein, for the delivery of a paper sheet from a paper roll in the receiver, an adjustable keeper strip on the end of the frame opposite from the receiver, said strip holding the paper sheet taut over the seat board and also serving as a paper cutter, and clamping means for the connection of the paper-holding frame on the seat board, comprising two pairs of clamping strips, each pair secured at their ends on the frame below and spaced from respective side bars thereof, and having flanges on adjacent ends that are engaged by clamping screws.

6. In a closet seat protecting device, an adjustable frame having a receiver at one side for a roll of paper, and a paper sheet-keeper at the opposite side.

7. In a closet seat protecting device, a frame formed of sections adjustably secured together, one section carrying a receiver for a paper roll and the other a paper sheet-keeper.

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

GEORGE F. THOMPSON.

Witnesses:

NEWELL N. SMITH,
ABILOM DE VOI.