

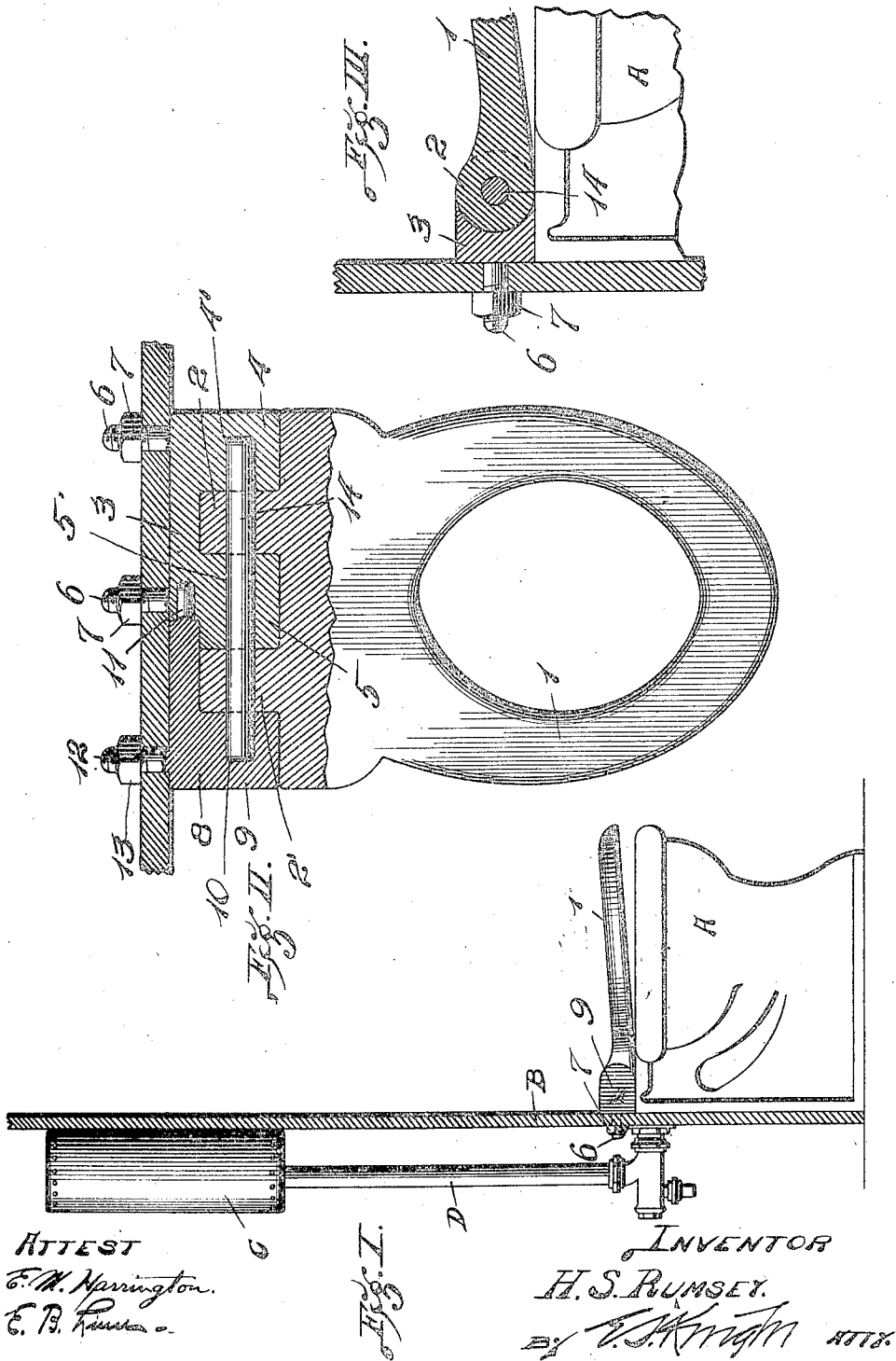
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WATER CLOSET.

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HORACE S. RUMSEY, OF ST. LOUIS, MISSOURI.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HORACE S. RUMSEY, a citizen of the United States of America, residing at the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Water-Closets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to an improvement in water closets, and more particularly to water closets for use in prisons, the invention having for its main object the production of a closet seat and hinge therefor in which the seat parts are so united by a concealed pintle as to render it impossible for a prisoner to detach the seat parts for any motive, such, for instance, as with the purpose of using it as a weapon in an attempt to commit an assault.

Figure I is an elevation of a water closet constructed in accordance with my invention, with a wall, shown in vertical section, interposed between the bowl and water supply connections. Fig. II is in part an enlarged top or plan view of the closet seat, and in part a horizontal section through the hinge of the seat. Fig. III is an enlarged vertical section through the hinge of the closet seat.

In the accompanying drawings, A designates the bowl of a water closet located at one side of the wall B.

C and D are respectively a flushing tank and pipe connection located at the back of the wall B so that they are inaccessible from the compartment in which the closet bowl is located.

1 designates the body of a closet seat provided at its rear end with perforated ears 2 and 2' which are integral with, or rigidly connected to, the body of the seat.

3 is a perforated hinge member having an outer ear 4 and an inner ear 5, between which the ear 2 of the closet seat is movably fitted. The outer ear 4 is provided with a blind pintle socket 4' extending thereinto from the inner side of the ear, (see Fig. II,) while the inner ear 5 of the hinge member 3 is provided with a pintle hole 5' extending there-through and adapted to register with the blind pintle socket 4', and also with the perforation in the ear 2 of the closet seat. The hinge member 3 has formed integral therewith, or rigidly connected thereto, studs or

screws 6 located at the rear of the hinge member, and which extend through the wall B, and have applied to them nuts 7 located at the rear of said wall, and whereby the hinge member 3 is firmly held in position against said wall with the fastening members so located as to be inaccessible in the compartment in which the water closet bowl and its seat are located.

8 designates a hinge member companionable with the hinge member 3 and having an ear 9, between which and the inner ear 5 of the hinge member 3 the ear 2' of the closet seat is located. The ear 9 of the hinge member 8 is provided with a blind pintle socket 10 that extends outwardly from the inner side of said ear and is in registration with the perforations in the seat ears 2 and 2', the pintle hole 5' in the inner ear of the hinge member 3, and the blind pintle socket 4' in the outer ear 4 of the hinge member 3. The rear portion of the hinge member 8 extends to the inner end of the hinge member 3 and is provided with a stem 11 that projects into a blind opening in the rear portion of the hinge member 3 for the purpose of preventing vertical movement of either of the hinge members relative to each other. Projecting rearwardly from the back of the hinge member 8 is a stud or screw 12, similar to the studs or screws 6, and which extends from the wall B and has applied to it at the rear of said wall a nut 13 whereby a fastening for the hinge member 8 is provided similar to the fastenings 4 of the hinge member 3 and which is inaccessible in the compartment in which the water closet bowl and its seat are located.

14 designates a pintle that extends through the perforations in the ears 2 and 2' of the closet seat, the pintle hole 5' in the inner ear 5 of the hinge member 3, and the ends of which are seated in the blind pintle sockets 4' and 10 of the hinge member ears 4 and 9. It will be readily seen that when the hinge members 3 and 8 are assembled, the ears of the closet seat in position between the ears of the hinge members, as explained, and the pintle 14 in the position stated, the said pintle is entirely hidden from view. Then, when the stems 6 and 12 of the hinge members have been passed through the wall and had their fastening members applied to them at the rear of the wall, said hinge members are effectually held from separation so that the pintle of the hinge is rendered inaccessible.

sible with the result of making it impossible for a person in the compartment in which the closet and seat are located to detach the seat from its hinge.

5 I claim:

10 1. The combination in a water closet, of a seat having ears and a divided hinge member therefor having ears closely fitted to the ears of the seat and a concealed pintle member, and fastening means whereby said hinge member may be secured to a support; said fastening means being inaccessible in the compartment in which the water closet
15 is located.

2. The combination in a water closet, of a seat, a hinge section provided with a pair of ears between which one of the ears of said seat is fitted, and a second hinge section be-

tween which and the first named hinge section the other ear of said seat is fitted, a pintle connecting the ears of said seat and hinge sections, and means carried by said hinge sections whereby they may be attached to a support. 20

3. The combination in a water closet, of a seat and pair of hinge sections provided with means for attaching them to a support, and a pintle connecting said seat to said hinge sections, one of said hinge sections being provided at its inner end with a stem entering into the other hinge section. 25 30

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In the presence of—

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