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M. TAYLOR

2,209,859

UTILITY STOOL

Filed Feb. 13, 1939

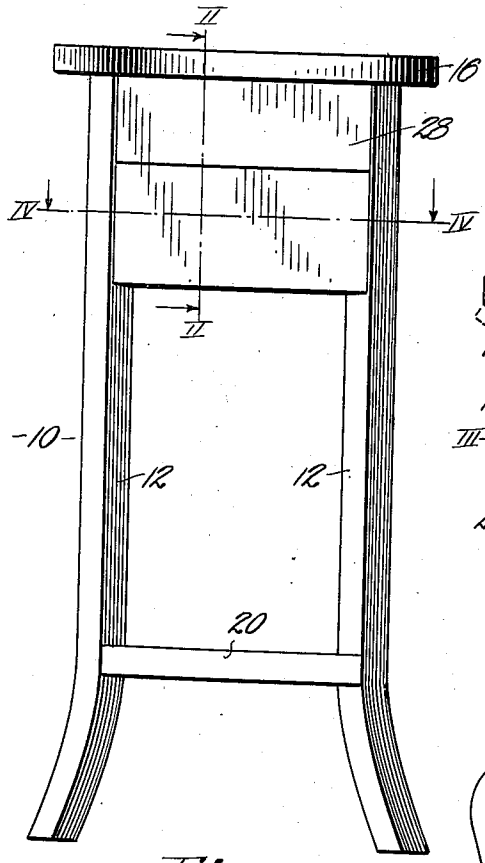


Fig. 1.

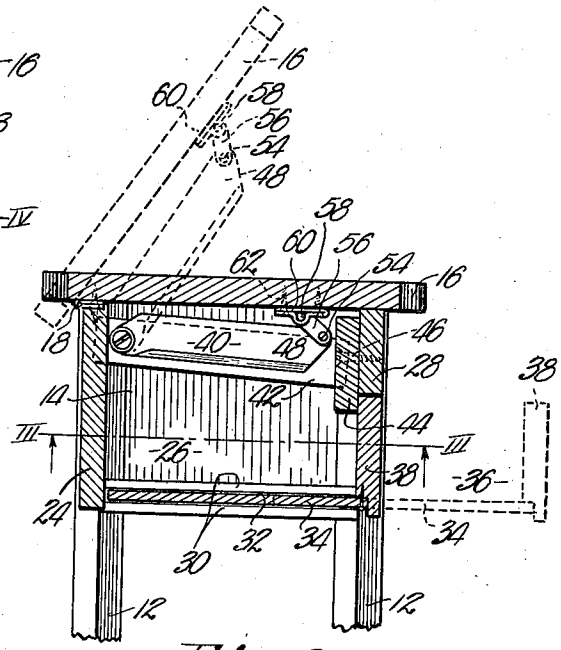


Fig. 2.

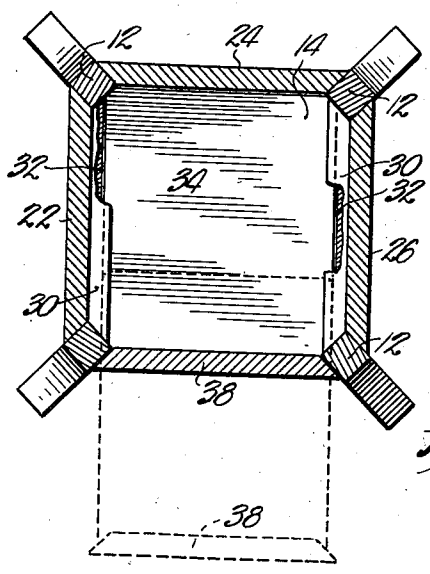


Fig. 4.

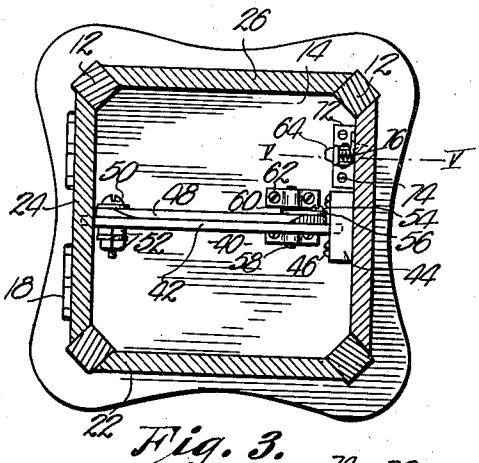


Fig. 3.

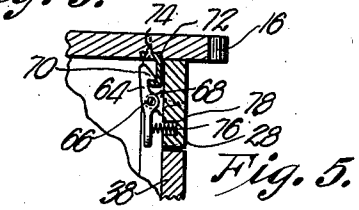


Fig. 5.

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UTILITY STOOL

Mike Taylor, Kansas City, Mo.

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3 Claims. (Cl. 155—188)

This invention relates to improvements in utility stools, and particularly to a utility stool having a pair of shears carried thereby and adapted to be operated as the stool seat is moved to and from the operative position.

It has been found convenient to have means whereby sanitary pads or other relatively large objects may be severed and disposed in the ordinary toilet without clogging the plumbing connected therewith. It is apparent that the shearing means might be positioned directly in the present toilet bowl and operated by the hinged toilet seat, however, since it is desirable to have a convenient, portable stool in the bathroom, a utility stool of this type will be shown and described.

The principal object of the present invention is the provision of a tool having a hinged seat member, a pair of shears carried by the stool with one of its blades secured thereto, and its other blade hingedly carried at its one end by said stool and interconnected at its other end to said hinged seat whereby as the seat is oscillated, the shears will be operated.

A further object of the invention is the provision of a utility stool having a cabinet provided with a hinged seat member, a pair of said shears mounted in said cabinet and associated in such a manner with said hinged seat that they will be operated as the seat is moved to or from the operative position.

Another object of this invention is the provision of a utility stool having a pair of shears operatively mounted therein and having securing means concealed within the cabinet for maintaining the hinged seat member in the closed position.

Other objects of the invention are simplicity, economy of construction, and ease of operation.

Reference will now be had to the drawing wherein:

Figure 1 is a side elevation of a utility stool embodying this invention.

Fig. 2 is a fragmentary sectional view of the upper portion of the stool, taken on line II—II of Fig. 1.

Fig. 3 is a horizontal inverted view taken on line III—III of Fig. 2.

Fig. 4 is a horizontal sectional view taken on line IV—IV of Fig. 1, with the tray shown partially removed in dotted lines; and,

Fig. 5 is a fragmentary view taken on line V—V of Fig. 3.

Throughout the several views, like reference characters designate similar parts and the numeral 10 indicates a stool having vertical legs 12, a cabinet portion 14 and a seat member 16 hinged at 18.

Legs 12 are joined together at their lower portion by bars 20 and at their upper extremities by means of cabinet walls 22, 24, 26 and 28.

Walls 22 and 26 are provided with cleats 30 which are spaced apart to form run-way grooves 32. These grooves are adapted to receive the marginal edges of the bottom member 34 of tray 36.

Referring to Fig. 2, it will be noted that cabinet wall 28 is cut away so as to provide a space for the front wall 38 of tray 36. This tray is adapted to be moved from grooves 32 so as to facilitate depositing of materials contained thereon into the toilet.

A pair of shears 40 are mounted within the cabinet 14 with one of the blades 42 thereof, extending thereacross and supported at its opposite ends in wall 22 and block 44 carried by wall 28. This block 44 is removably secured to wall 28 by means of screws 46. By means of this construction, blade 42 may be inserted into wall 22 and block 44, and then block 44 may be moved to position and secured.

The other blade 48 is pivoted at 50 to blade 42 and is provided with tensioning means 52 whereby the tension of the cutting edges may be regulated.

The forward end of blade 48 is connected by pin 54 to link 56, which in turn is connected by pivotal pin 58 mounted in brackets 60 which are secured by means of screws 62 to the bottom-side of seat member 16. This link 56 allows for relative movement between the free end of blade 58 and the seat cover as the two are moved to and from the closed position.

When the seat member is in the position shown in dotted lines in Fig. 2, the sanitary pad may be positioned on blade 42 and then by moving the seat member to the closed position, the shears will operate to sever said pad. When so severed, it will drop on bottom member 34 of the tray which can be removed to convey said pad to the toilet.

The following provision is made to avoid accidental raising of seat member 16 and also to prevent small children from tampering with the cutter blades.

A latch member 64 hinged intermediate its ends at 66 to a bracket 68 mounted on the inside of wall 28, has an offset portion 70 which is adapted to engage the keeper plate 72 secured by screws 74 to the underside of seat member 16. A tension spring 76 mounted in recess 78 formed in wall 28, rests against the lower end of latch member 64, thus urging the upper end thereof to the securing

position. When it is desired to release the seat member, the operator moves tray 36 outwardly a sufficient distance to allow insertion of the fingers to compress spring 76 and release the latching member. When the seat is returned to the closed position, it will automatically move latch member 64 to the engaging position.

When the shears are mounted in the ordinary toilet bowl, as suggested above, the operation of the shears will be identical and the severed members will be disposed directly therein without the necessity of the use of a tray.

It is apparent that many minor changes might be made in the general construction of this device, without departing from the spirit of the invention.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

1. The combination with a stool having a hinged seat member, of a pair of shears having one of its blades rigidly secured to said stool and the other blade thereof being pivoted at its one end to the stationary blade and interconnected at its other end with said seat whereby when said seat is moved on its hinge, the shears will be operated.

2. The combination with a stool having a cabinet member and a seat member hinged thereto, of a pair of shears having one of its blades rigidly secured within said cabinet member and its other blade hingedly carried at its one end by said cabinet member and interconnected at its other end to said cover member whereby as said cover is oscillated, said shears will be operated.

3. The combination with a stool having a cabinet member and a hinged seat member, of a pair of shears having one of its blades rigidly secured to said cabinet member and the other blade associated with said rigidly secured blade and interconnected with said seat member whereby as said seat member is oscillated about its hinge, said shears will be operated.

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