To all whom it may concern:

Be it known that we, MARY GREEN BREWER and JOSEPH HARRIS BREWER, citizens of the United States, residing at Poydras, in the Parish of St. Bernard and State of Louisiana, have invented certain new and useful Improvements in Sanitary Toilet-Seat Covers and Pads of Toilet Paper, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in sanitary toilet or water closet seat shields and it is an object of the invention to provide a novel and improved device of this general character which may be readily and conveniently used for the prevention of contagious and infectious diseases and as an aid to more perfect sanitation in public and private water closets, toilets, commodes, privies, bed pans and places of public and private comfort.

It has been found that contagious and infectious diseases have been transmitted from exposed toilet seats, hence it is the purpose of the present invention to provide an improved cover or shield of the present character, which may be used readily and conveniently for the prevention of such diseases, and to render toilet seats and similar articles more sanitary.

It is another purpose to provide a device of this general character wherein a series of folded shields or covers made up of sheets of paper, fabric, or textile, preferably of the tissue character, or any other suitable material, for instance pliable paste board or pressed pulp of such shape, form and size suitable and convenient for use as sanitary shields or covers are supported.

Still another purpose consists in the provision of a plurality of shields or covers of any suitable material, each being perforated correspondingly with and conforming to the opening of the seat, and folded on the major axis of the line perforations, in combination with a holder or other suitable means for clamping the series of shields or covers in such a manner as to conform to half the line of perforations, to act as a guide, where-
parts of the material, after the shields are torn from the clamping means, to be used for toilet paper. Though the remaining material may be used for such purpose, it is obvious that the shields or covers, may be constructed from relatively heavier material, such as will not become torn or otherwise injured, and will serve the purpose of insuring sanitation. For instance relatively heavy textile or cardboard may be employed, though the invention is not absolutely confined to such material.

The material composing each cover or shield may have an outer margin of any convenient or suitable shape, either circular, rectangular, or polygonal or any other suitable contour. Regardless of the shape of the outer margin of the material each piece of material is provided with a line of perforations 2, approximately centrally arranged and of a shape corresponding with and conforming to the opening of a toilet seat, so that when the shield or cover is placed in position, the shield or cover will engage the entire surface of the seat, and partially overlap the margin or edge of the opening in the seat. In this way the body is prevented from contacting with the seat, thereby insuring sanitation, in other words preventing the body from becoming contaminated with the bacteria or bacilli, or germs of various diseases. As previously stated the line of perforations conform to the opening of the seat, therefore the line of perforations may either be elliptical or egg shaped, though it is obvious that the invention is not to be limited in this regard. However irrespective of the formation of the line of perforations, the material constituting the cover or shield is designed to be folded, so that the fold will extend along the major axis of the line of perforations.

The shields or covers in their folded condition are compiled closely together upon the other, and engaged with the upper and lowermost covers are plates 4, for holding the pile of covers together. These plates may be constructed of any suitable material, such as cardboard, wood, metal or the like, and of any suitable thickness, such as will insure a reasonable amount of rigidity, as will enable the plates to hold their shape, as guides, whereby the covers or shields may be torn off according to the contour of the edge 4a (which conforms to the line of perforations) of either one of the plates. In this way it is assured that the covers will not tear irregularly, but when each cover is unfolded, the margin of the edge of the opening will conform to the opening of the seat, and will not have any ragged parts.

Extending through the upper and lowermost plates 4, and through the folded sheets of material which constitute the covers or shields are elongated fasteners or pins 3. The opposite ends of these fasteners constitute tongues 3 which are bent laterally, engaging upon the outer faces of the plates 4, thereby clamping the plates in position. Though this form of clamping means for the plates and the sheets of shields or covers have been disclosed, and inserted, it is obvious that any other suitable means may be employed, just so long as such means will clamp the plates and the covers compactly together.

It is obvious that when the entire series of covers or shields have been utilized, the remaining portions of the material constituting the covers, and which heretofore filled the openings in the shields according to the line of perforations, may subsequently be used as toilet paper. In fact after utilizing all the shields or covers the fasteners or pins may be removed, the plates detached, and the remaining sheets of material may be suspended upon the usual hanger, which ordinarily supports toilet paper.

It is obvious that when it is the aim to utilize the remaining material for such purpose, the shields or covers are designed to be made of relatively pliable material, such as will not tear, and also not injure the body. The essential purpose of the present invention is the assurance of more perfect sanitation, and to prevent the transmission of diseases, whether contagious or infectious, which will arise by the contact of the person's body with the face of the seat. Obviously it will be seen that the person's body is prevented from coming in contact with bacteria or bacilli or other germs, hence eliminating the possibility of transmission of diseases.

In fact to insure against the transmission of diseases, it is obvious that the material from which the shields may be made may be treated with some suitable disinfectant material. However the disinfectant material to be used may be of such a character as not to injure the body, and such as will not prevent the remaining pieces of the material from being used as toilet paper.

The economical form in which the shields or covers are constructed and arranged, reduces the waste of material to a minimum, by permitting the use of that portion of the material conforming to the opening of the shield being subsequently used. The shields may be used on any character of seats, either those in toilets, or those of commodes or other places.

It is obvious that the shields or covers, and their holding means are simple, and may be very cheaply made, and sold at a reasonable profit, thereby making their general use a matter of precaution against diseases, and in the interest of the public health and more perfect sanitation. The device has been found practical and efficient in construction,
and may be subject to various modifications, obviously falling within the scope of what is claimed.

The invention having been set forth, what is claimed is:

1. In a device as and for the purpose indicated, the combination with a series of covers, each being perforated corresponding with and conforming to the opening of a toilet seat, said covers being folded upon themselves on the major axis of the line of perforations and arranged in a compact pile, of means clamping the pile of covers, said means comprising members conforming to a semi-portion of the line of perforations, thereby acting as guides, along the edge of which each cover may be torn.

2. In a device as and for the purpose set forth, a toilet seat cover provided with a line of perforations corresponding with and conforming to the opening of the toilet seat, said cover being folded upon the major axis of the contour of the line of perforations and means for holding the folded cover conforming to the semi-portion of the perforations and acting as a guide along the edge of which the cover may be torn.

3. As an article of manufacture, a toilet seat cover or shield constructed from any pliable material, provided with a line of perforations corresponding with and conforming to the toilet seat opening, said cover or shield being folded upon the major axis of the contour of the line of openings, said cover or shield adapted to be torn along the line of said perforations while the cover is in a folded position, and means for guiding the shield as it is torn on said perforations.

4. As an article of manufacture, a toilet seat cover or shield constructed from any pliable material, provided with a line of perforations corresponding with and conforming to the toilet seat opening, said cover or shield being folded upon the major axis of the contour of the line of openings, said cover or shield adapted to be torn along the line of said perforations while the cover is in a folded position, and means for guiding the shield as it is torn on said perforations, said means comprising upper and lower members having edges conforming to the semi-portions of said perforations, and means passing through the members and through the covers or shields for clamping the parts securely together.

5. In a device as and for the purpose indicated, a holder for a series of folded covers or shields, which are provided with perforations and the folded parts conforming to the semi-portions of the toilet seat opening on one side of its major axis, said holder comprising relatively rigid members adjacent the upper and lower faces of the pile of covers or shields, each member having a guide edge conforming to the semi-portion of said perforations to guide the shield or cover as it is torn from the holder, and fasteners comprising pins passing through the members and through the sheets constituting the covers or shields and having at their ends means for clamping the parts together.

6. As an article of manufacture, a toilet seat cover or shield, comprising a blank sheet of material having perforations corresponding with and conforming to the opening of the toilet seat, said shield being folded upon its major axis of the contour of the perforations, means for clamping the opposite sides of the cover or shield adjacent the fold, whereby the cover or shield is guided as it is torn from the central portion of the shield, that portion of the material which is clamped while the cover or shield is being torn adapted for subsequent use as toilet paper.

7. As an article of manufacture, a toilet seat cover or shield constructed of any pliable material, provided with perforations in a row corresponding with and conforming to a toilet seat opening, said cover or shield being folded upon itself on a line intersecting the row of perforations to form a plurality of plies, said cover or shield adapted to be torn along the line of said perforations while the shield or cover is in a folded state, and means for guiding the shield as it is torn on said perforations.

8. In a device as and for the purpose indicated, a holder for a series of folded covers or shields, which are provided with perforations and the folded parts conforming to a portion of the toilet seat opening, said holder comprising relatively rigid members adjacent the upper and lower faces of the pile of covers or shields, each member having a guide edge conforming to the row of perforations while the covers are in a folded state and to guide the shield or cover as it is torn from the holder, and fasteners comprising pins passing through the members and through the sheets constituting the covers or shields and having means at their ends for clamping the parts together.

9. As an article of manufacture, a toilet seat cover or shield, comprising a blank sheet of material having perforations corresponding with and conforming to the opening of the toilet seat, said shield being folded upon itself on a line intersecting the row of perforations, to form a plurality of plies, means for clamping the plies together adjacent the fold, whereby the cover or shield is guided as it is torn from the central portion of the shield, that portion of the material which is clamped while the cover or shield is being torn adapted for subsequent use as toilet paper.

10. As an article of manufacture, a toilet seat cover or shield constructed of any pliable material, provided with perforations in...
a row corresponding with and conforming to a toilet seat opening, said cover or shield being folded upon itself on a line intersecting the row of perforations to form a plurality of plies, said cover or shield adapted to be torn along the line of said perforations while the shield or cover is in a folded state.

In testimony whereof we have each hereunto affixed our respective signatures in the presence of witnesses.

MARY GREEN BREWER.
JOSEPH HARRIS BREWER.

Witnesses:
NICHOLAS J. BREWER,
GEORGE J. UNTEREINER,
J. H. PETETUI.