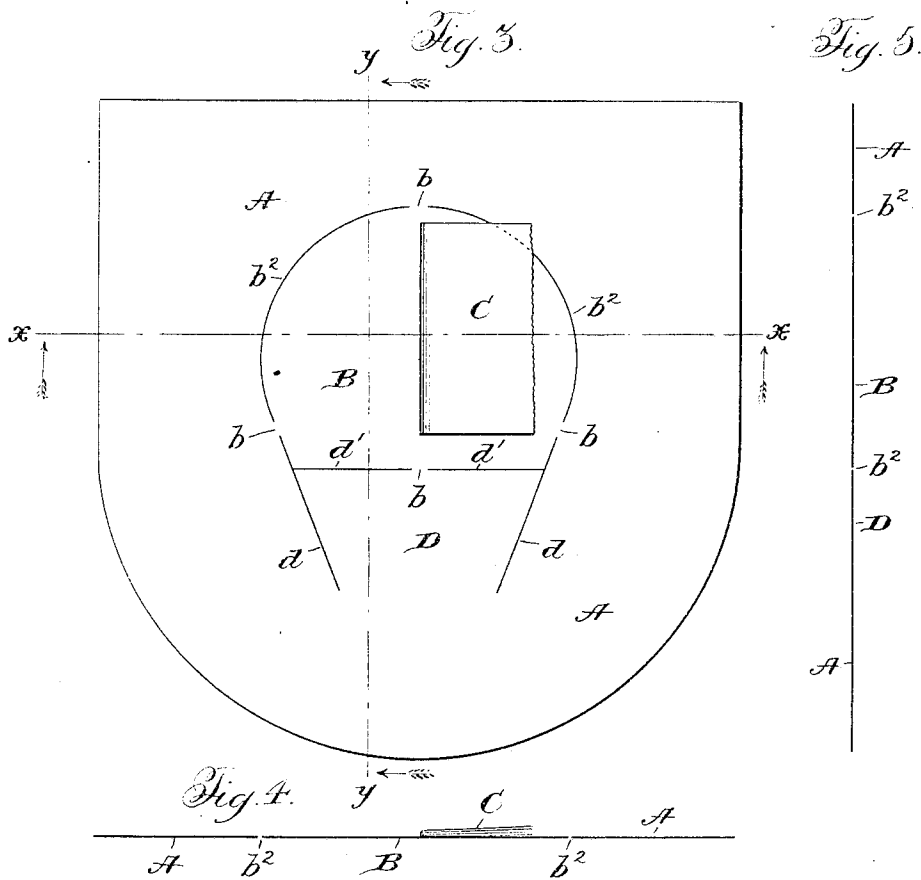
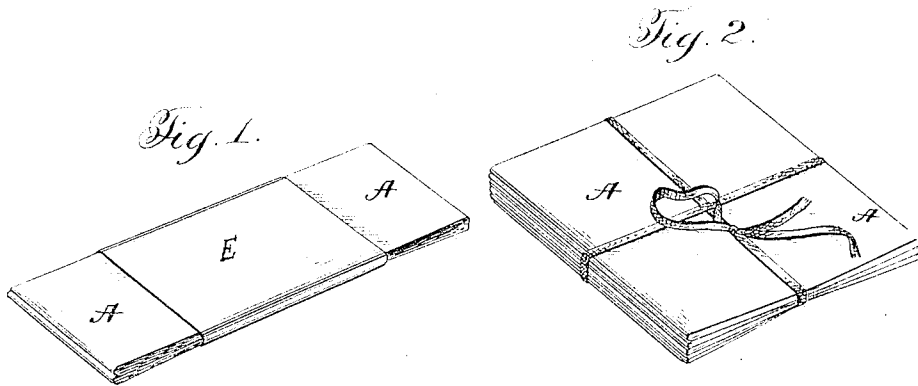


No. 787,357.

PATENTED APR. 18, 1905.

G. H. DAVIS.
SANITARY DEVICE.
APPLICATION FILED MAY 10, 1904.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 6.

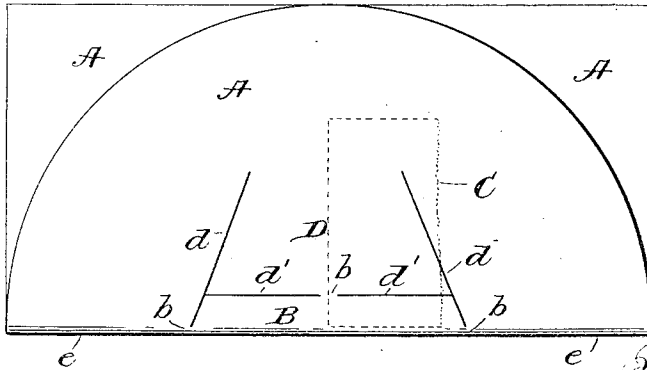


Fig. 7.

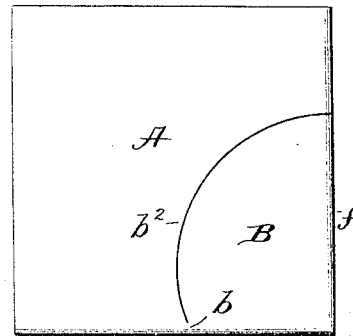


Fig. 8.

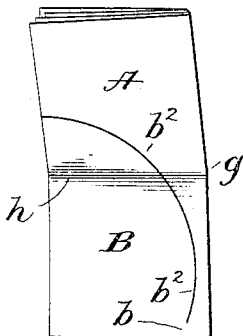


Fig. 10.

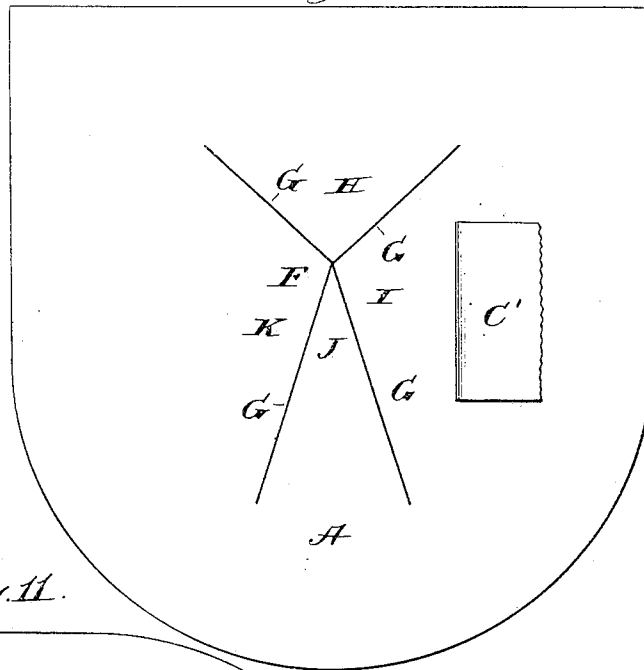


Fig. 9.

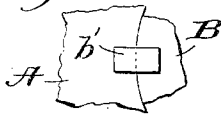
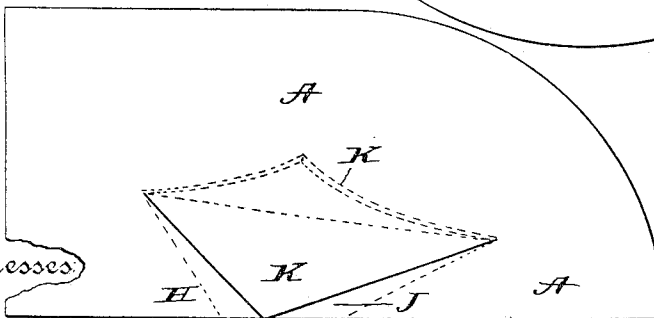


Fig. 11.



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UNITED STATES PATENT OFFICE.

GEORGE H. DAVIS, OF PORTLAND, MAINE.

SANITARY DEVICE.

SPECIFICATION forming part of Letters Patent No. 787,357, dated April 18, 1905.

Application filed May 10, 1904. Serial No. 207,267.

To all whom it may concern:

Be it known that I, GEORGE H. DAVIS, a citizen of the United States, residing at Portland, in the county of Cumberland and State of Maine, have invented a certain new and useful Sanitary Device, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a novel sanitary device, and has for its primary object the provision of a sheet of a contour and size adapted to overlies and fit the ordinary closet-seat, said sheet being formed, preferably, of a cheap medicated substance, such as paper, and designed for individual use and immediate destruction, thereby preventing the spread of obnoxious diseases, the danger of which is obviously inherent in the toilet apparatus of public conveyances, hotels, and, in fact, all places where such apparatus is subjected to indiscriminate use.

The invention further embraces the provision of a sheet having a central portion adapted to be removed to provide an opening in conformity with the usual closet-opening and a sheet or sheets of toilet-paper associated with said central portion, whereby the same may be secured thereto or inclosed therewithin and carried thereby.

A preferable embodiment of the invention comprises a single sheet formed and folded with its immediately-associated parts, whereby the same constitutes an entity independent of all other sheets, whereby the articles may be vended in suitable machines furnished for that purpose or in packets of convenient numbers for traveling-kits and the like, or, in fact, the device may be dispensed in any other manner found expedient according to the circumstances surrounding their distribution.

The novel details in the construction and arrangement of the several parts of the device will be apparent from the detailed description hereinafter when read in connection with the accompanying drawings, forming part hereof, and wherein the above as well as other embodiments of the invention are suggested.

In the drawings, Figure 1 is a perspective view of the folded device suitable for distribution through the medium of a check or coin controlled vending-machine. Fig. 2 is a similar view of a small packet of the devices suitable for traveling purposes. Fig. 3 is an elevation of one of the devices unfolded. Fig. 4 is a transverse section of Fig. 3 on the line *x x* thereof. Fig. 5 is a longitudinal sectional view of the same figure, taken on the line *y y* thereof. Fig. 6 is an elevation of the device as initially folded. Figs. 7 and 8 are similar views showing subsequent foldings. Fig. 9 is a detail view. Fig. 10 is a view similar to Fig. 3 of a device constituting another embodiment of the present invention; and Fig. 11 is a perspective view of the same device partly folded, illustrating the manner of cutting the central portion thereof to afford the interior protecting-flaps.

Referring more specifically to the drawings, and first with particular reference to Figs. 1 to 9, inclusive, thereof, wherein like reference characters refer to similar parts in the several views, A designates a thin sheet of material, such as paper, preferably medicated and perfumed, if desired, the same being of a contour and size to overlies and fit the ordinary closet-seat. (Not necessary to be herein shown.) This sheet has what I term an "impositively secured" central portion B, meaning thereby to convey the idea that the portion referred to is held to the main body by means sufficient to normally retain the former in place, but insufficient to prevent quick removal of the same prior to the use of the device. The impositive securing means alluded to comprises a few narrow widely-separated tabs *b*, conveniently one each at the forward, rear, and side edges of the central portion B. It will be appreciated that the portion B may be quickly removed by simply tearing across the tabs just described previous to placing the sheet on the closet-seat and reserved for utilization as toilet-paper. An auxiliary sheet or sheets of the ordinary toilet-paper C is pasted to or otherwise associated with the portion B, so as to accompany the latter. While it is probably best that the tabs *b* be integral with the main body of the sheet A and the central removable portion B—that is, by permitting the

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sheet to remain intact at these points when otherwise cutting the surrounding edges of the central portion, as indicated at b^2 —nevertheless it is to be understood that the central portion may be entirely cut away in the first instance and thereafter temporarily secured within the opening by means of gummed tabs b' . (See Fig. 9.) In line with the cutting b^2 and extending forwardly therefrom I form the incisions d , bordering a front flap D, the rear of said flap adjoining the central portion B and being fastened thereto by one of the tabs b , the remainder of the flap and central portion being separated by the transverse slits d' . This flap D is adapted to be bent down behind the forward portion or edge of the seat-opening for the purpose hereinbefore pointed out.

A device made in accordance with the above description possesses marked advantages and merit which are self-evident.

Probably the best manner of folding the device is that illustrated in the drawings, wherein it will be seen that the same is first folded transversely in halves on the line e , then in quarters longitudinally on the line f , again longitudinally on the line g , and finally transversely on the line h , when the device will be in convenient shape for assemblage in packets, as indicated in Fig. 2. When designed for use in a vending-machine, the device may be subsequently folded into the substantially oblong shape shown in Fig. 1 and secured against opening by a band E, whereby the same may not interfere with the working parts of the dispensing mechanism.

It is to be noted that when the device is folded all interior edges of the same are thoroughly protected and that the auxiliary sheet or sheets of toilet-paper are completely inclosed and hidden from view.

With reference now more particularly to the form of device illustrated in Figs. 10 and 11 it will be observed that the shape and appearance of the article in general is the same as that defined during the consideration of the preceding figures, the principal differentiating characteristic residing in the fact that in the present device the removable central portion F comprises flaps H, I, J, and K, formed by a series of radiating slits G, intersecting at a central point, said flaps being so disposed that they may be burst or turned down to overhang the entire inner surface of a seat, surrounding the opening therein. C' represents several sheets of toilet-paper secured to one of the flaps just described or arranged adjacent thereto, so as to fold within the device. The manner of slitting the cen-

tral portion of the device is clearly indicated in Fig. 11.

The device last described and shown in Figs. 10 and 11 will not be claimed specifically herein, inasmuch as the details thereof more properly constitute subject-matter for a companion application.

It is to be understood that slight changes and alterations may be made in the device herein disclosed without departing from the spirit of the invention; also, that it is not my intention to be limited to any details, excepting in so far as the same may be specifically included in the hereto-appended claims.

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

1. As an article of manufacture, a sanitary device comprising a thin sheet having a removable central portion, and an auxiliary sheet or sheets of toilet-paper carried by said central portion.

2. As an article of manufacture, a sanitary device comprising a thin sheet having a removable central portion, and an auxiliary sheet or sheets of toilet-paper carried by said central portion, said thin sheet being folded to inclose the toilet-paper therewithin.

3. As an article of manufacture, a sanitary device comprising a thin sheet having a removable central portion, and an auxiliary sheet or sheets of toilet-paper carried by said central portion, said thin sheet being folded to inclose the toilet-paper therewithin and to protect the interior edges of the sheet.

4. As an article of manufacture, a sanitary device comprising a thin sheet adapted to overlie a closet-seat and having a removable portion, and a sheet or sheets of toilet-paper carried by said portion and removable therewith.

5. As an article of manufacture, a sanitary device comprising a thin sheet adapted to overlie a closet-seat and having a central portion designed to be removed to provide the usual opening, the securing means consisting of a few narrow widely-separated connecting-tabs intermediate the removable central portion and the main body of the sheet, and a sheet or sheets of toilet-paper carried by said central portion, said sheet being folded to protect the interior edges and said securing means.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE H. DAVIS.

Witnesses:

ARTHUR R. MACLEOD,
FRANK L. RICKER.