H. S. Lesher.

Diaper Pin.

No. 30,232. Patented Oct. 2. 1860.

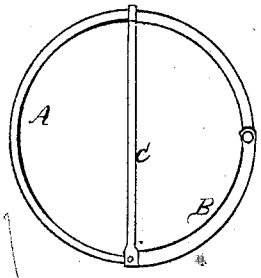


Fig. 1.

Fig. 2

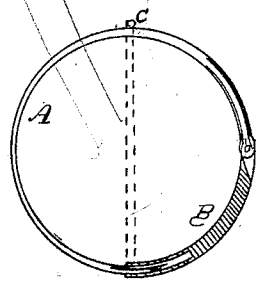


Fig. 3

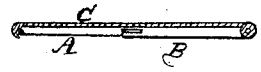
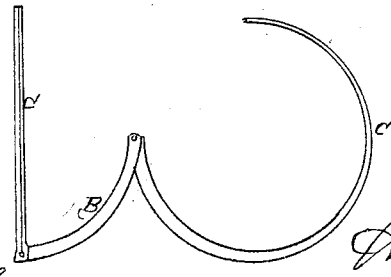


Fig. 4



Witnesses:

E. Maher

Marcy Sweeney

Inventor:

H. S. Lesher

UNITED STATES PATENT OFFICE.

HENRY S. LESHER, OF BROOKLYN, NEW YORK.

DIAPER-PIN.

Specification of Letters Patent No. 30,232, dated October 2, 1860.

To all whom it may concern:

Be it known that I, HENRY S. LESHER, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Diaper-Pins; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

Figure 1, is a top view of the improved pin, as it appears when closed. Fig. 2, is a horizontal section of the same. Fig. 3, is a cross section of the same. Fig. 4, is a top view of the same, when opened.

Similar letters in the figures refer to corresponding parts.

This invention consists in combining with a curved or circling pin jointed to the end of a tube made in the form of a segment of a circle, corresponding with the circle of the pin, in the opposite end of which the sharpened end of the said pin enters, a spring hook bar, which extends to, and hooks on, the portion of the pin directly opposite, in such a manner as to enable the pin to be secured in place when passed through the portions of the diaper required to secure the same, with its sharpened end or point sheathed in the tube.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The portion of the pin A, which passes through and secures the diaper, is made a little greater in extent than a semicircle, and is jointed or pivoted at its blunt end to the end of a segmental tube B, whose radius corresponds with the radius of the pin, so as to enable the two, when the point of the pin enters and is sheathed in the opposite end of the tube the required distance, to form a complete circle. To the open end of the segmental tube B, is secured the end of a spring hook bar C, which extends inward therefrom radially, the required distance to cause its opposite hooked or bent end, to hook on or against the outside of the pin A, at the proper distance from the hinged or jointed end to hold the point of the same firmly within the tube, after being passed through the diaper or other article to be secured.

By referring to Fig. 4, in the drawings it will be observed that the tubular portion B, and bar C, when the pin is open as represented, form a convenient body or handle to grasp in forcing the pin through the folds of the diaper or other article to be secured. After the pin A, is forced through the required distance, the said tube B, and bar C, are closed upon it, so as to bring and sheath its point within the former sufficiently far to entirely shield it, and thereby prevent it from sticking the child wearing the diaper, or the nurse. The spring bar C, is then hooked over the pin, immediately opposite the open end of the segmental tube B, to which the opposite end of said bar is attached, which holds the said pin firmly closed within the end of the tube B, against the outward or opening pressure exerted by the diaper on the same.

To detach the pin from the diaper or other object, it is only necessary to press one finger and thumb on the curved tube B, and on the portion of the pin immediately next where the hook bar C is hooked thereto, and the said hook bar will disengage itself from the pin, and thus leave the pin free to be withdrawn from the diaper or other article to which it is attached.

In case it is desired, a curved notch may be made in the outer periphery of the pin, near its point, and a corresponding projection made at the end of the tube B, as represented in Fig. 2, in such a manner as to cause the point of the pin to be held within said tube, by its outward spring or pressure forcing the notch against the projection.

What I claim as new and desire to secure by Letters Patent is—

Combining with the pin A, and tube B, jointed together in the manner before described, the cross hook bar C, or its equivalent for holding the point of the pin A, in place within said tube, substantially as herein set forth.

H. S. LESHER.

Witnesses:
E. MAHER,
MARCUS M. WILCOX.