

G. M. SCOTT.
 DIAPER CLEANER.
 APPLICATION FILED DEC. 11, 1909.

956,831.

Patented May 3, 1910.

Fig. 1.

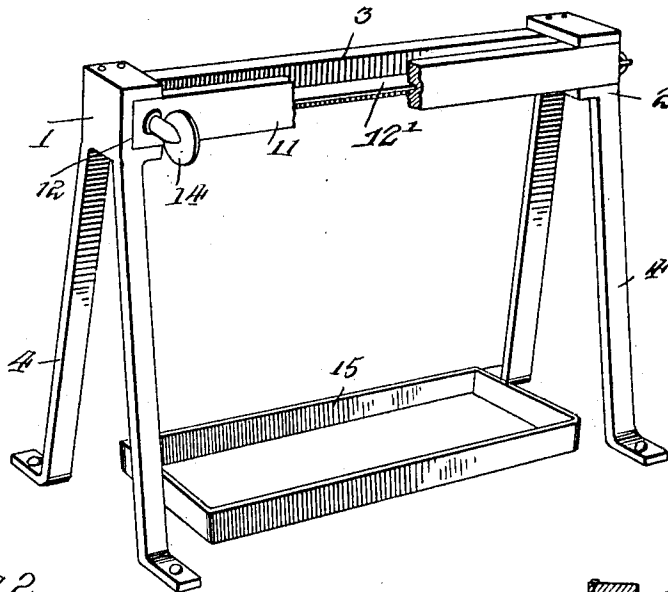


Fig. 2.

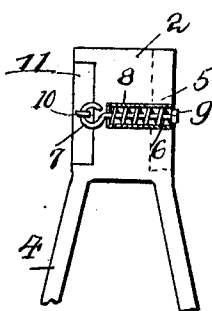


Fig. 3.

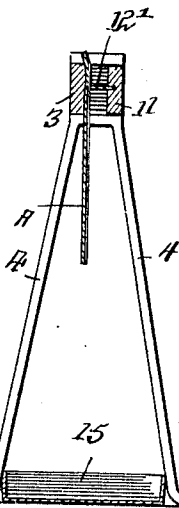
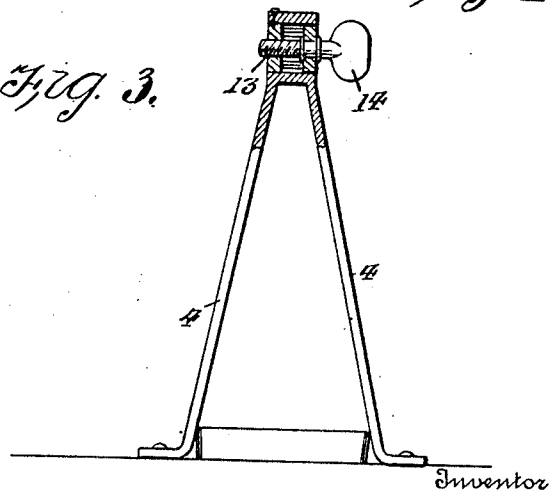


Fig. 4.



Witnesses

William Smith
James A. Kroll

Grace M. Scott.

By Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

GRACE M. SCOTT, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF ONE-HALF
TO LENA HELBENO, OF WASHINGTON, DISTRICT OF COLUMBIA.

DIAPER-CLEANER.

956,831.

Specification of Letters Patent.

Patented May 3, 1910.

Application filed December 11, 1909. Serial No. 532,703.

To all whom it may concern:

Be it known that I, GRACE M. SCOTT, a citizen of the United States of America, residing at Washington, District of Columbia, have invented new and useful Improvements in Diaper-Cleaners, of which the following is a specification.

This invention relates to diaper cleaners, and has for an object the provision of a fixed member and a movable scraping blade carrying member, the latter being adjustable for movement toward and away from the former and adapted to cooperate therewith to cause the scraping blade to be effectively engaged with the diaper at one side thereof whereby the diaper when drawn outwardly from between said members, incident to its engagement with the blade, will be relieved thereby of any accumulation of waste matter.

The invention further contemplates the provision of a receptacle for receiving the waste matter as it is removed from the diaper, thus obviating the necessity of bringing the hands in contact with the soiled article.

In the drawing, forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a perspective view of the cleaner. Fig. 2 is a detail end view of a portion of the cleaner. Fig. 3 is a vertical section taken through one end of the cleaner. Fig. 4 is a similar view taken through the opposite end.

The cleaner consists of end frames comprising heads 1 and 2 connected together by a bar 3 forming a fixed jaw, and provided with supporting legs 4.

The head 2 supports a casing 5 which is closed at one end and open at the opposite end, as shown. The shank 6 of a hinge member 7 is movable in a passage formed in the closed end of the casing, and as illustrated, the said shank has coiled thereabout a helical expansion spring 8 which exerts its tension against the head 9 of the shank for a purpose to be hereinafter explained. The shank, at a point outwardly of the

closed end of the casing is formed to provide an eye with which is engaged an eye of a hinge member 10. The member 10 is located at one end of a movable jaw 11, the opposite end of the said jaw being removably seated in a recess 12 in the head 1. The bar 3 has formed therein a threaded passage in which is adjustably engaged a clamping screw 14 upon the jaw 11. A horizontally disposed blade 12' extends from the inner face of the jaw 11 and when said jaw is in its closed position as illustrated in the drawing, the blade lies in juxtaposition to the inner face of the bar 3.

In operation of the cleaner, the diaper or article to be operated upon is inserted between the bar 3 and the jaw 11 and the latter operated through the medium of the spring hinge and the set screw 14 whereby the scraping blade will be effectively forced into contact with the soiled face of the diaper. The diaper A shown in Fig. 3 of the drawing when operatively positioned between the bar 3 and the jaw 11 will be exposed at the top of the cleaner to enable the operator to grasp it by the hands and pull it upwardly. In moving the soiled article as just described, the engagement of the blade 12' therewith will remove all waste matter and allow it to be deposited in the receptacle 15 beneath the bar 3 and the jaw 11.

I claim:—

A device of the class described comprising end frames, a fixed jaw supported by the frames, a spring tension hinge member supported by one end frame, a movable jaw operatively connected at one end with the hinge member, means at the opposite end of the movable jaw adjustably connected with the said fixed jaw, and a horizontally disposed blade carried by the said movable jaw.

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

GRACE M. SCOTT.

Witnesses:

JOHN L. FLETCHER,
REXFORD M. SMITH.