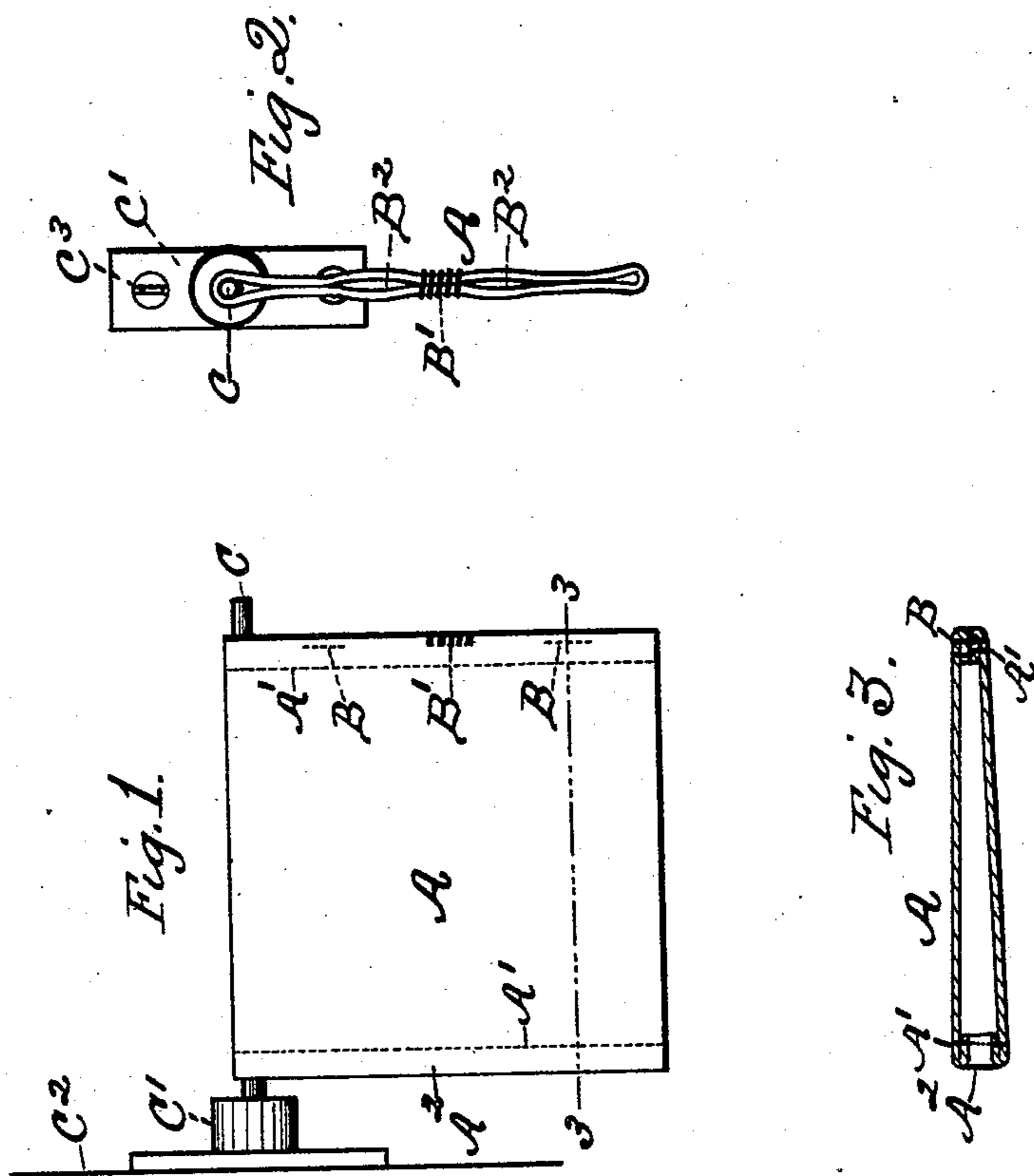


(No Model.)

C. ARNOLD.
DIAPER.

No. 414,853.

Patented Nov. 12, 1889.



WITNESSES:

Frank C. Curtis.
John T. Booth

INVENTOR:

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UNITED STATES PATENT OFFICE.

COLLINS ARNOLD, OF ALBANY, NEW YORK.

DIAPER.

SPECIFICATION forming part of Letters Patent No. 414,853, dated November 12, 1889.

Application filed July 17, 1889. Serial No. 317,758. (No model.)

To all whom it may concern:

Be it known that I, COLLINS ARNOLD, a resident of Albany, in the county of Albany and State of New York, have invented certain new and useful Improvements in Diapers; and I do hereby declare that the following is a full, clear, and exact description of the invention, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Similar letters refer to similar parts in the several figures therein.

My invention relates to improvements in diapers; and it consists of the novel construction and combination of parts hereinafter described and subsequently claimed.

Figure 1 of the drawings is a view in side elevation of my improved diaper suspended from a rack to dry. Fig. 2 is a front or edge view of the same in elevation. Fig. 3 is a horizontal section of the diaper, taken on the broken line 3 3 in Fig. 1.

The diaper A is made from a section of cylindrical fabric knitted upon a circular-knitting machine. Sections of the desired length for diapers are cut from a flattened cylindrical web of knitted fabric, the cut edges folded in and secured by a line of stitching A', to form the hem A².

I have ascertained that if both ends of the flattened cylinder so formed and hemmed are left wholly open and unsecured they will not retain their relative shape and position when laundered, and their use is attended with much inconvenience in the effort to arrange the lapping edges. I have also ascertained that if one end is closed, thereby forming a bag, too much time is required to dry the diaper. I therefore stay the flattened sides to each other at one or more points intermediately of their joined edges and near one end, as by a few overedge stitches B'.

The stay which holds the end edges together is located at the extreme edges and formed by overedge stitches B' passing through both edges, thereby permitting the diaper to be used with equal facility either side out.

A double-fold diaper such as I have shown and described can be easily and quickly dried.

I have shown a diaper suspended from a rack consisting of a rod C, projecting from a socket-plate C', which may be secured to a vertical wall or casing C² by the screws C³. The rod can be passed entirely through the diaper and the air allowed to circulate through the openings B², located between the stays.

I am aware that in the manufacture of carriage-ropes it has been proposed to cut a tubular web in sections to be united side by side in the rope, and I do not claim, broadly, articles made of such a section or sections.

When used as a diaper, such a section is liable to the practicable objections hereinbefore specified, and my claim of invention is limited to the particular means of overcoming said evils, whereby the article is adapted to be more quickly and efficiently laundered and without injury to the article.

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

In a diaper formed from a flattened section of a cylindrical web of knitted fabric open at both ends, the combination, with the edges on one end of such section, of a stay formed of overedge stitches passing through such edges at a point located intermediately of the sides of the diaper, substantially as described.

In testimony whereof I have hereunto set my hand this 8th day of July, 1889.

COLLINS ARNOLD.

Witnesses:

GEO. A. MOSHER,
CHAS. L. ALDEN.