

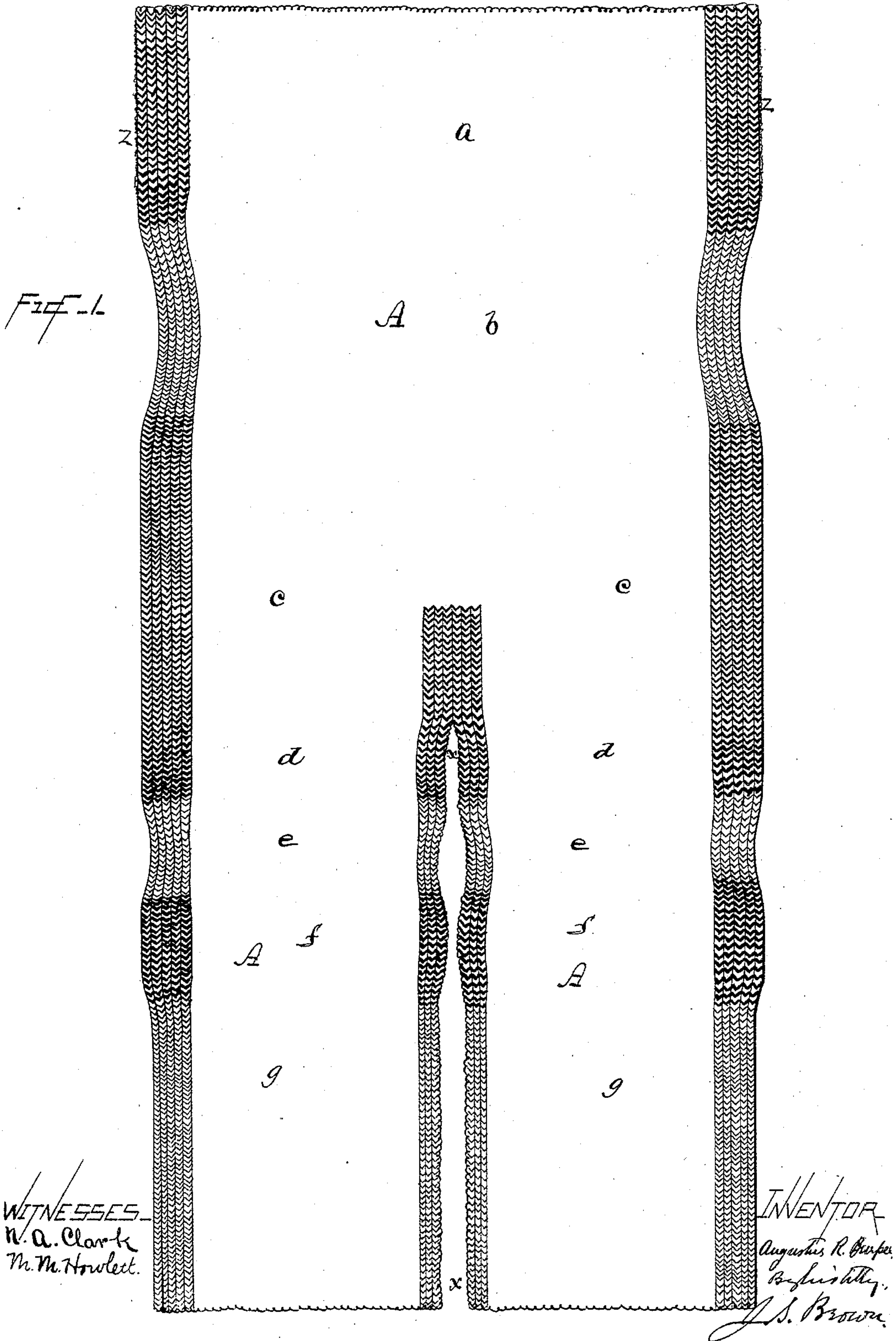
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3 Sheets—Sheet 1.

A. R. BURPEE.
COMBINATION KNIT GARMENT.

No. 421,236.

Patented Feb. 11, 1890.



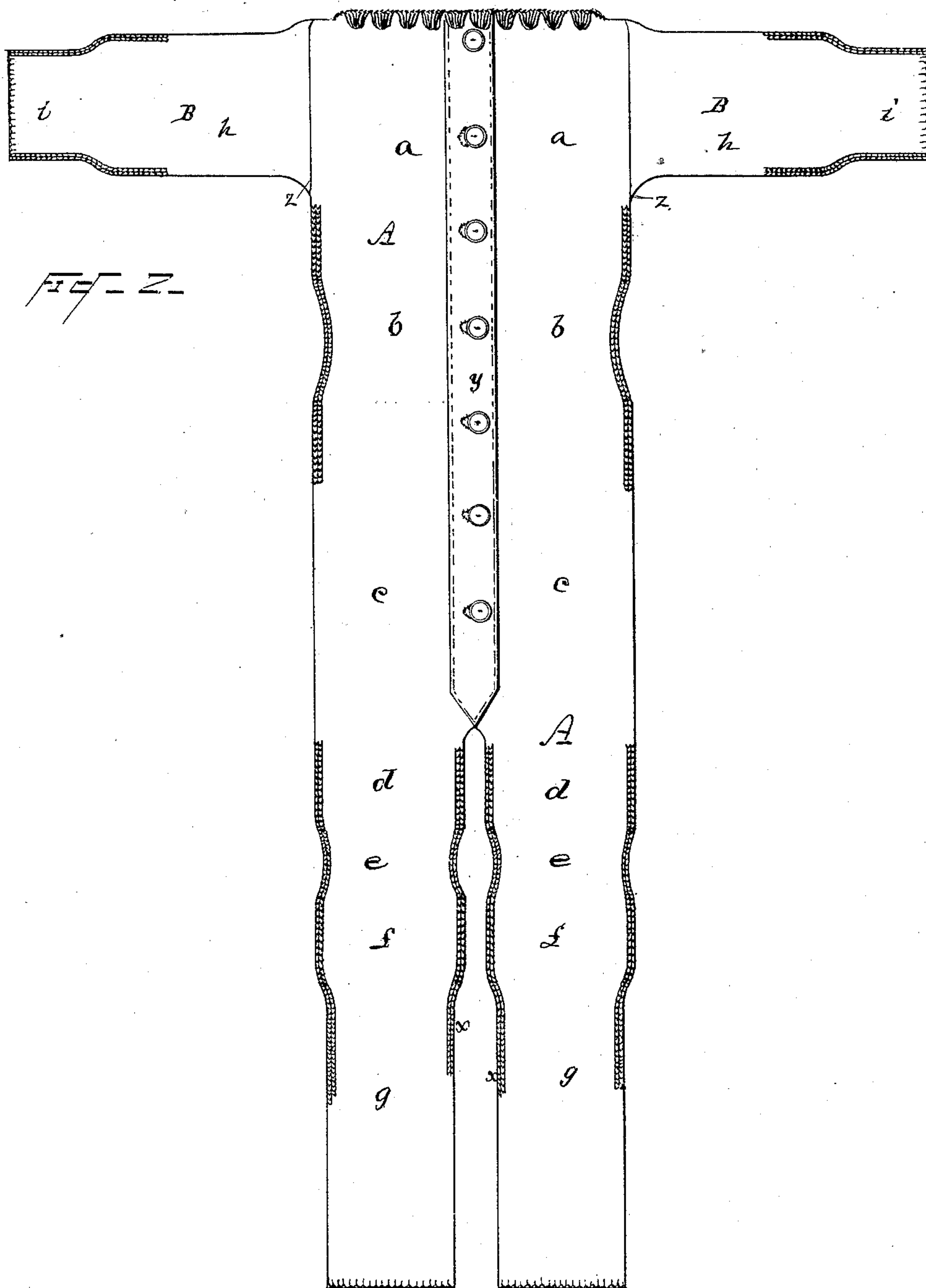
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Witnesses
Norris A. Clark
Maude M. Howlett.

Inventor,
Augustus R. Burpee,
By J. S. Brown,
his Attorney.

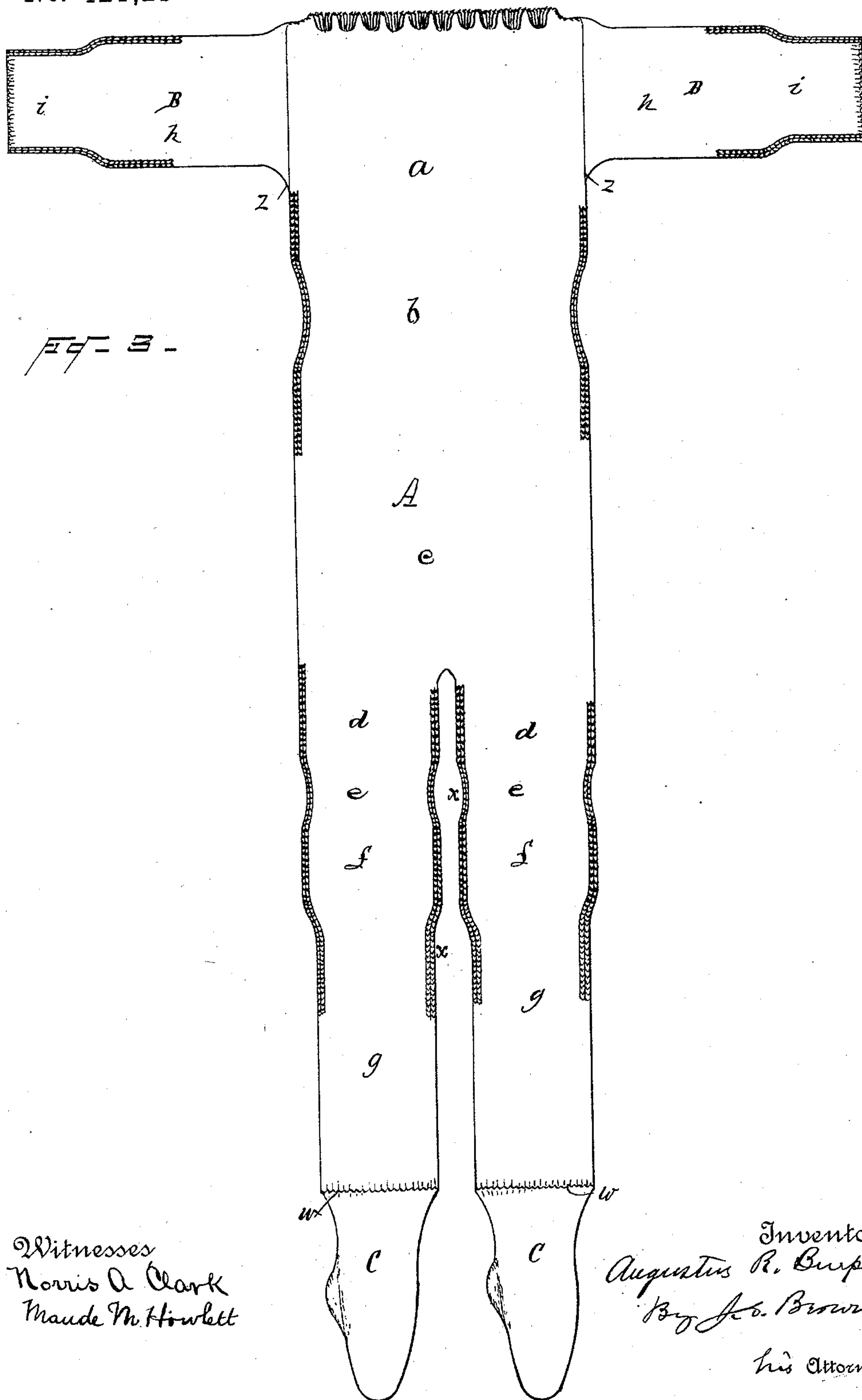
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COMBINATION KNIFE GARMENT.

No. 421,236.

Patented Feb. 11, 1890.



Witnesses
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UNITED STATES PATENT OFFICE.

AUGUSTUS R. BURPEE, OF LAKE VILLAGE, NEW HAMPSHIRE.

COMBINATION KNIT GARMENT.

SPECIFICATION forming part of Letters Patent No. 421,236, dated February 11, 1890.

Application filed December 12, 1888. Serial No. 293,357. (No specimens.)

To all whom it may concern:

Be it known that I, AUGUSTUS R. BURPEE, a citizen of the United States, residing in Lake Village, in the county of Belknap and State of New Hampshire, have invented an Improved Combination Knit Garment and Method of Forming the Same; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My improvements apply to a knit combination under-garment having the body, arms, and legs in one, and also including stocking-feet when desired. The improved method of forming the garment consists in knitting the body and legs in one continuous piece, then centrally cutting apart the web in longitudinal lines where the legs are to be formed, and completing the legs by seaming or otherwise uniting the cut edges of the split portions of the web.

The improved combination garment has its upper or chest portion formed of tuck-stitch work; the waist portion of plain or one and one rib-stitch work; then the hip and upper leg portions are of tuck-stitch work; then a narrow band just above the knees is formed of one and one rib-stitch work, to serve as garters; then the knee portions of the legs are formed of the tuck-stitch work; and finally the lower leg and ankle portions are again of one and one rib-stitch work. The tuck-stitch gives greater breadth and fullness to the parts of the garment formed of the same, and the one and one or plain stitch makes the portions formed of the same elastic, closer, and narrower, as desired.

In the accompanying drawings, Figure 1 represents a view of a portion of a knit web sufficient to make the body and leg portions of the combination-garment; Fig. 2, a view of the finished garment, and Fig. 3 a view of a finished garment provided also with knit feet.

Like letters designate corresponding parts in all of the figures.

The main web A, to form the chest, waist, hip, and entire leg portions of this garment, is knit in one continuous web, the different stitch-work thereof being properly proportioned therein, and in practice not only is the whole web for all those parts of a single

garment thus knit in a continuous web, but an indefinite number of the garment-webs are thus knit in succession in one continuous web, and the portions for single garments are successively cut from the said web. Thus the principal parts of the garment are knit rapidly and economically and without a multiplication of different machines. The web for each garment is then cut open, both front and back, in a central longitudinal line *x*, Fig. 1, at the lower end sufficiently far up to form the legs of the garment. The cut edges are then seamed or otherwise united by equivalent means on each cut half, as at *x x*, Figs. 2 and 3, to complete the legs of the garment. The body is also cut or made open in one longitudinal line for forming the fly *y*, Fig. 2.

When the garment is to be used solely as a night garment, the longitudinal opening or fly *y* extends only down to the crotch, as shown in Fig. 2. When, however, the garment is to be worn during the day or continuously, the central longitudinal line or opening will be extended up the back for a short distance, after the fashion of ordinary drawers for the use of women and for the same purposes. Sleeve-holes are also cut or formed near the upper end of the web, as at *z z*. The sleeves B B are knit in a separate web, and this web may be continuous for any number of sleeves. The sleeves are attached to the body by seaming or equivalent means. Also knit feet C C, or knit feet and ankles combined, may be added, if desired, to the lower ends of the legs of the garment, as shown in Fig. 3. These feet are ordinarily knit separately in any known manner and then joined to the garment by seaming or otherwise, as shown at *w w*, Fig. 3.

For the purpose of giving the proper shape to the garment to enable it to fit properly on the person and to full-fashion the same, the upper or chest portion *a* is knit with comparatively loose full stitches—such as tuck-stitches—to give breadth and fullness to the same. Then the waist portion *b* is knit with close elastic stitches—such as a plain one and one rib-stitch—to render that portion elastic, smaller, and closer, so as to fit snugly around the person's waist. Then the hip portion *c* is knit with tuck-stitches to make that portion of the garment full. This portion in the

general web is continued in tuck-stitch down to form the upper portions *d d* of the legs of the garment, these portions being required to be full. In knitting the web continuously ; these portions of the legs are simple extensions of the hip portion of the body of the garment. Then narrow strips *e e* are knit in plain one and one rib-stitch to serve as garters above the knees of the person, this stitch
 10 making the legs of the garment there elastic, close, and tight. These portions are also knit in one part in the knitting of the continuous web, as above set forth. Then the knee portions *f f* of the garment are knit in tuck-
 15 stitch to give fullness thereto. Finally the lower leg and ankle portions *g g* are knit in one and one rib-stitch to make those parts elastic, close, and tight-fitting. These knee and ankle portions are also knit each as one
 20 part in the knitting of the continuous web above set forth. Thus by simple means a well fitting and fashioned combination-garment is produced.

In knitting the sleeves the main body *h* is
 25 knit in tuck-stitch and the wrist *i* is knit in one and one rib-stitch.

I claim as my invention—

1. The method of forming a combination
 30 knit garment, as herein specified, which consists in knitting the chest, waist, hip, and leg portions in a continuous whole web, then cutting apart that portion of the web which forms the legs, seaming together the cut edges to complete the legs, knitting the sleeves
 35 each in a separate web and uniting them to the body by seaming, substantially as herein set forth.

2. A combination knit garment with the
 40 body and leg portions composed of a single piece, as herein specified, having the chest portion formed of loose fullstitches, the waist portion of close elastic stitches, the hip and upper parts of the leg portions of loose full
 45 stitches, and the lower parts of the leg portions of close elastic stitches, substantially as set forth.

3. A combination knit garment composed of a single piece, as herein specified, having the chest portion formed of tuck-stitches, the waist portion of one and one rib-stitches, the
 50 hip and upper parts of the leg portions of tuck-stitches, and the lower parts of the leg and ankle portions of one and one rib-stitches, substantially as and for the purposes herein set forth. 55

4. A combination knit garment composed of a single piece, as herein specified, having the chest portion formed of tuck-stitches, the waist portion of one and one rib-stitches, the
 60 hip and upper parts of the leg portions of tuck-stitches, garter portions of one and one rib-stitches, knee portions of tuck-stitches, and lower leg and ankle portions of one and one rib-stitches, substantially as and for the purposes herein set forth. 65

5. A combination knit garment having in a single piece, as herein specified, the chest portion formed of tuck-stitches, the waist portion of one and one rib-stitches, the hip
 70 and upper parts of the leg portions of tuck-stitches, and the lower parts of the leg and ankle portions of one and one rib-stitches, in combination with knit sleeves seamed to the body, substantially as and for the purposes herein set forth. 75

6. A combination knit garment having in a single piece the chest portion formed of tuck-stitches, the waist portion of one and one rib-stitches, the hip and upper parts of
 80 the leg portions of tuck-stitches, garter portions of one and one rib-stitches, and lower leg and ankle portions of one and one rib-stitches, in combination with knit sleeves seamed to the body, substantially as and for the purposes herein set forth. 85

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

AUGUSTUS R. BURPEE.

Witnesses:

H. B. QUINBY,
 A. C. MOORE.