

(No Model.)

R. M. APPLETON.

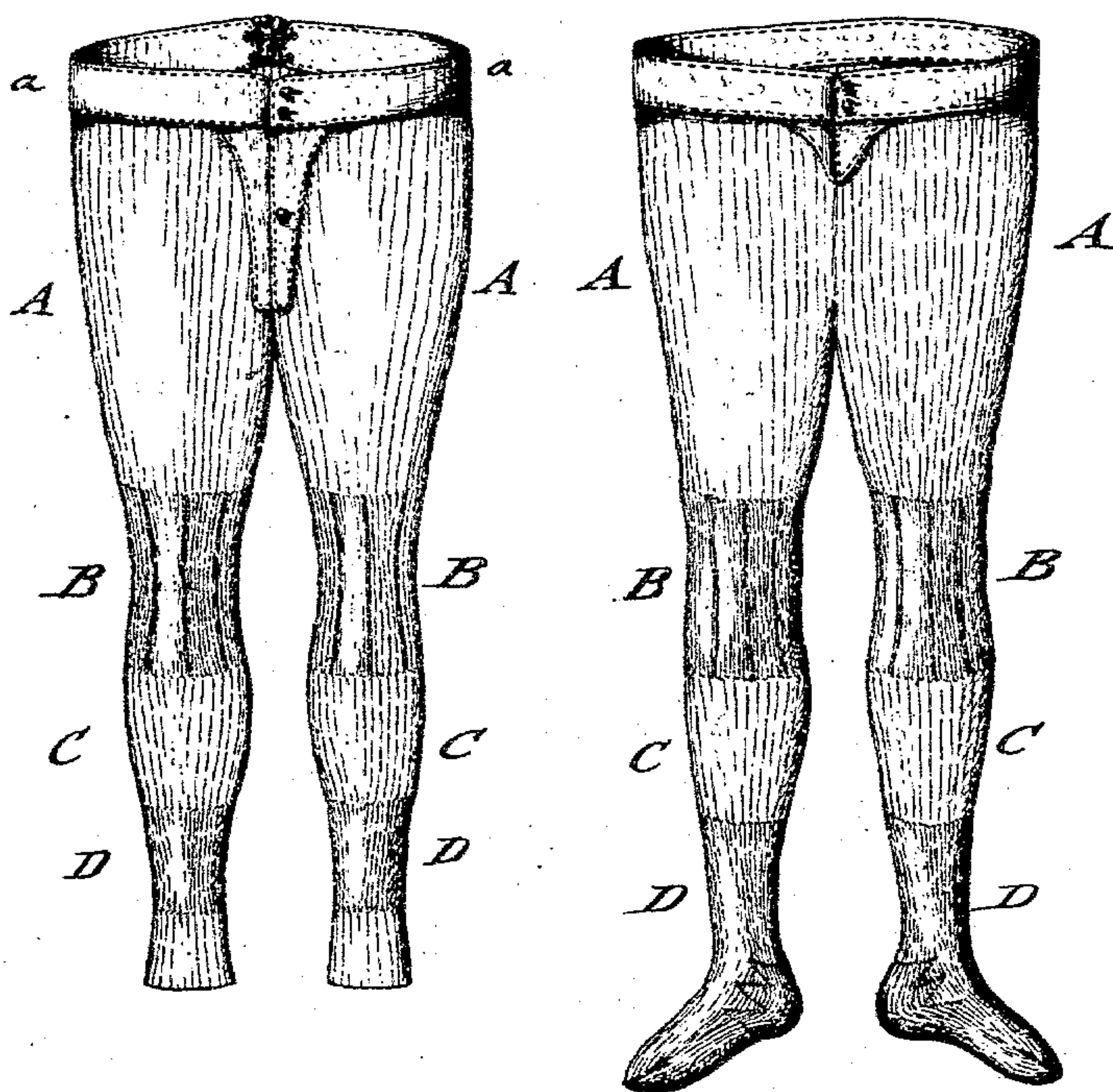
DRAWERS OR TIGHTS.

No. 256,532.

Patented Apr. 18, 1882.

FIG 1.

FIG 2.



WITNESSES:

Joh. H. Rosenbaum.
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ROBERT M. APPLETON, OF LAKE VILLAGE, NEW HAMPSHIRE.

DRAWERS OR TIGHTS.

SPECIFICATION forming part of Letters Patent No. 256,532, dated April 18, 1882.

Application filed July 22, 1881. (No model.)

To all whom it may concern:

Be it known that I, ROBERT M. APPLETON, of Lake Village, in the county of Belknap and State of New Hampshire, have invented certain new and useful Improvements in Drawers and Tights, of which the following is a specification.

The drawers and tights in general use have a seam at one side of each leg, which seam is obtained by connecting the cut-out pieces on a sewing-machine. The seams of the legs are uncomfortable to the wearer, as they form objectionable ridges.

This invention is designed to furnish improved drawers and tights, which are manufactured on circular-knitting looms, without seams in the legs and with plain and tuck stitch knitting, in such a manner that a better fit is obtained and the waste and expense for cutting and sewing are saved.

The invention consists of a pair of machine-made seamless drawers or tights in which that part of the drawers or tights above the knee-joints and the calves below the knee-joints, are made in tuck-stitches, while the narrower parts at the knees and above the ankles are made in plain stitches.

In the accompanying drawings, Figure 1 represents a front view of a pair of drawers, and Fig. 2 a front view of a pair of tights, showing my improvements.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the upper part of my improved drawers or tights, which are made from the cloth band *a* down to the knee-joint, where they are made narrower, of tuck-stitch knitting. The part B, from the lower part of the thigh to the upper part of the

calf, around the knee-joint, is made of plain-stitch knitting, and the wider part, designed for the calf C, made again of tuck-stitch knitting, below which, again, a narrower part, D, of plain-stitch knitting is arranged.

The lower edge of each leg is finished by the ribbed band now in general use. In tights the ribbed band is dispensed with and the narrow portion D continued in plain stitch, from which part the foot is formed. By this process tights with seamless legs are obtained, which fit more easily and comfortably to the legs. The appearance of the drawers or tights may be improved by slightly varying the pattern of the tuck-stitches, which is accomplished without difficulty in the usual well-known manner on the circular-knitting looms in general use for this class of goods.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In circular seamless-leg drawers or tights, the combination, with the knitted leg parts, of the body and thigh parts knit in tuck-stitch and the knee parts knit in plain stitch, substantially as described.

2. In circular seamless-leg drawers or tights, the combination of the body and thigh parts knit in tuck-stitch, the knee parts knit in plain stitch, and the leg parts knit partially in plain and partially in tuck stitch, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 6th day of July, 1881.

ROBERT M. APPLETON.

Witnesses:

JAMES W. COGSWELL,
M. A. HAYNES.