

(No Model.)

J. MÜLLER.

SHOE.

No. 299,934.

Patented June 3, 1884.

Fig. 1.

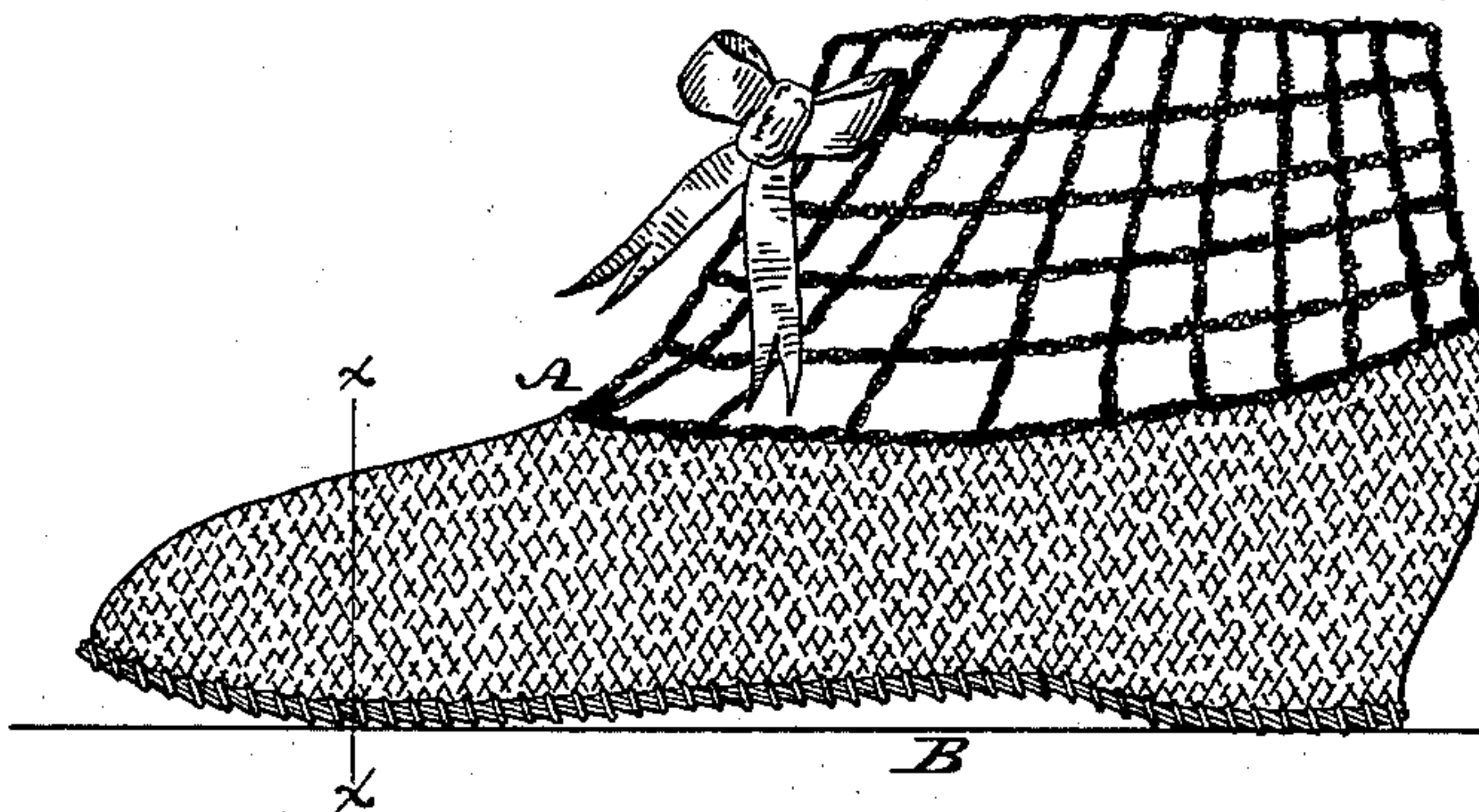


Fig. 2.

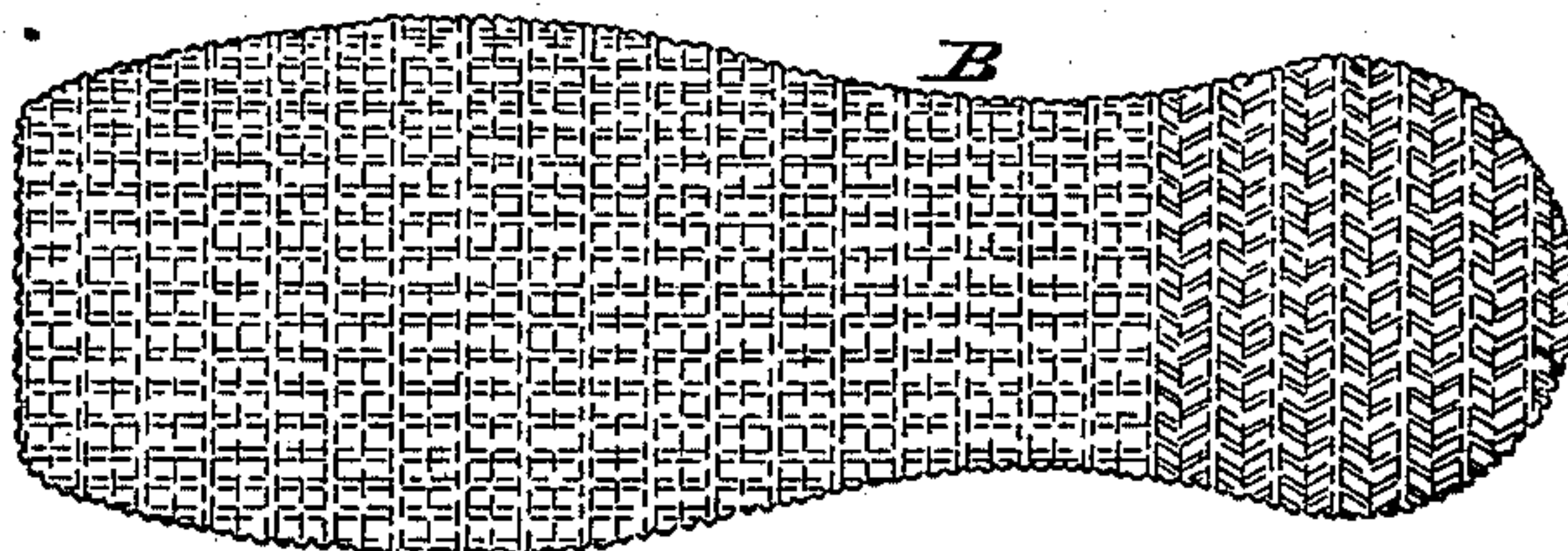
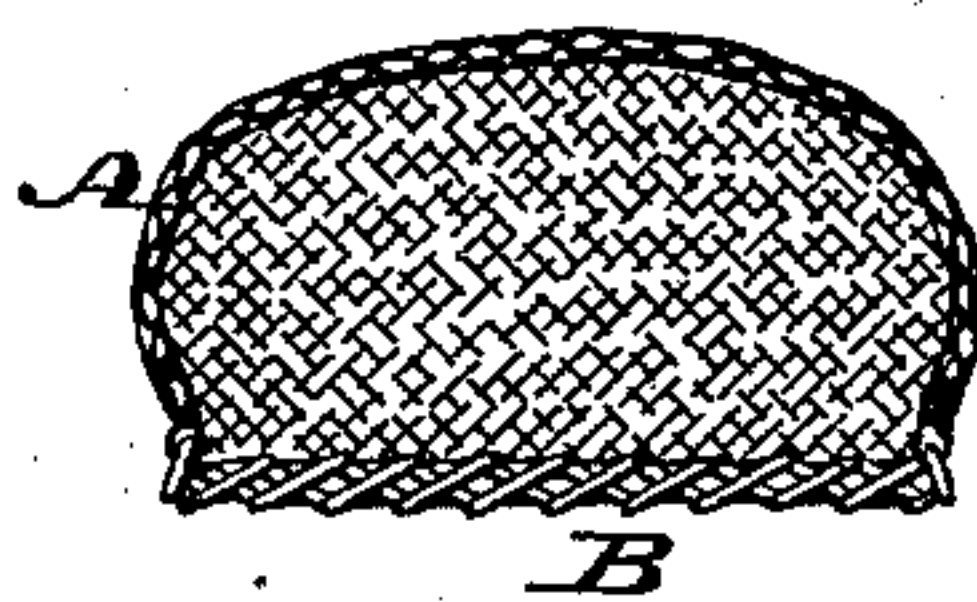


Fig. 3.



WITNESSES:

R. P. Grant,
W. F. Kircher

INVENTOR:

Johanna Müller,
BY *John A. Giedersheim,*
ATTORNEY.

UNITED STATES PATENT OFFICE.

JOHANNA MÜLLER, OF PHILADELPHIA, PENNSYLVANIA.

SHOE.

SPECIFICATION forming part of Letters Patent No. 299,934, dated June 3, 1884.

Application filed April 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHANNA MÜLLER, a citizen of Switzerland, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Shoes, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side elevation of a shoe embodying my invention. Fig. 2 is a bottom plan thereof. Fig. 3 is a transverse section in line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of a shoe formed of knitted material adapted for bathing and overshoe purposes, as will be hereinafter fully set forth.

Referring to the drawings, A represents the upper of the shoe, and B the sole and heel thereof, both formed of thread or yarn knitted with a crochet-stitch. The yarn or thread for the sole is of a tough and tightly-spun nature, the same being knitted close so as to present no openings between the stitches, and cause the sole to be compact, leaving a ribbed or indented surface, as most clearly shown in Fig. 1. The upper may be made of the same yarn; but a softer yarn or thread is preferred, and the thread or yarn at the sides of the upper is knitted to the yarn or thread at the sides of the sole, thus connecting the sole and upper. The heel may be of the same stitch as

the sole or different therefrom, the yarn or thread thereof, however, being similar to that of the sole, so as to present the compactness and ribbed surface thereof.

It will be seen that the shoe, when required, may be readily drawn over the other shoe of the wearer, and, owing to its nature, it keeps the foot warm and dry. The ribbed surface or tread of the sole and heel, being of a frictional nature, causes the shoe to take firm hold of the ground; hence renders the shoe admirably adapted for walking on ice and snow, as it prevents slipping. It is, moreover, of a ventilating nature, and does not draw the foot or cause excessive warmth; hence may be worn with comfort with or without the other shoe, and, as it has a thick and compact sole, it is serviceable for general wearing purposes, it being easy and noiseless.

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

1. A shoe having its upper and sole formed of knitted material, the stitches of the upper being united by knitting to those of the sole, substantially as and for the purpose set forth.

2. An improved shoe having a knitted upper and a knitted sole connected therewith, formed with a ribbed surface.

JOHANNA MÜLLER.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.