

B. W. HORTON.
Cheese-Bandage.

No. 223,915.

Patented Jan. 27, 1880.

Fig. 1.

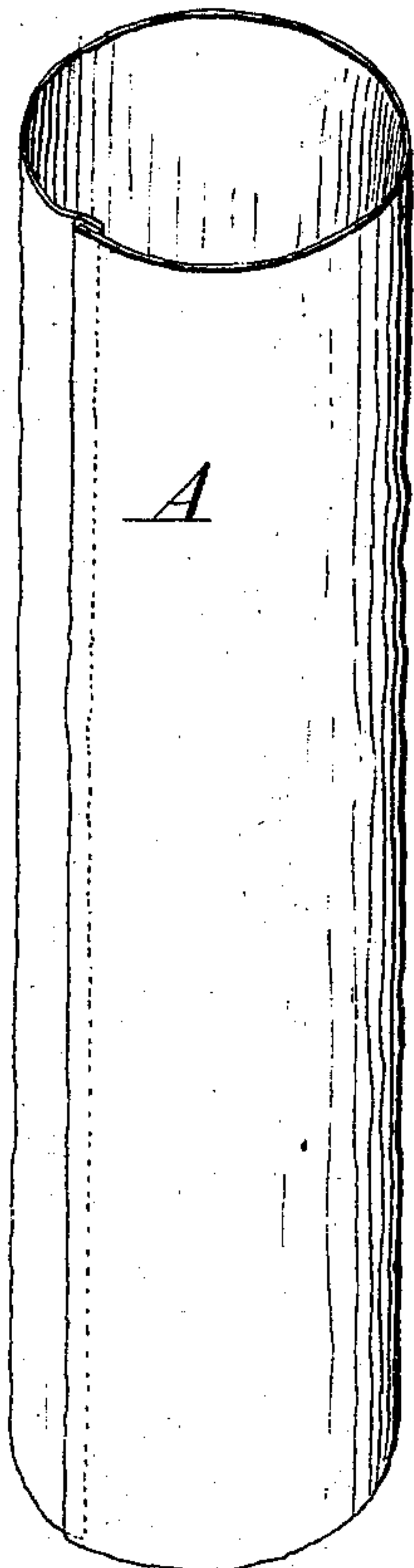


Fig. 2.

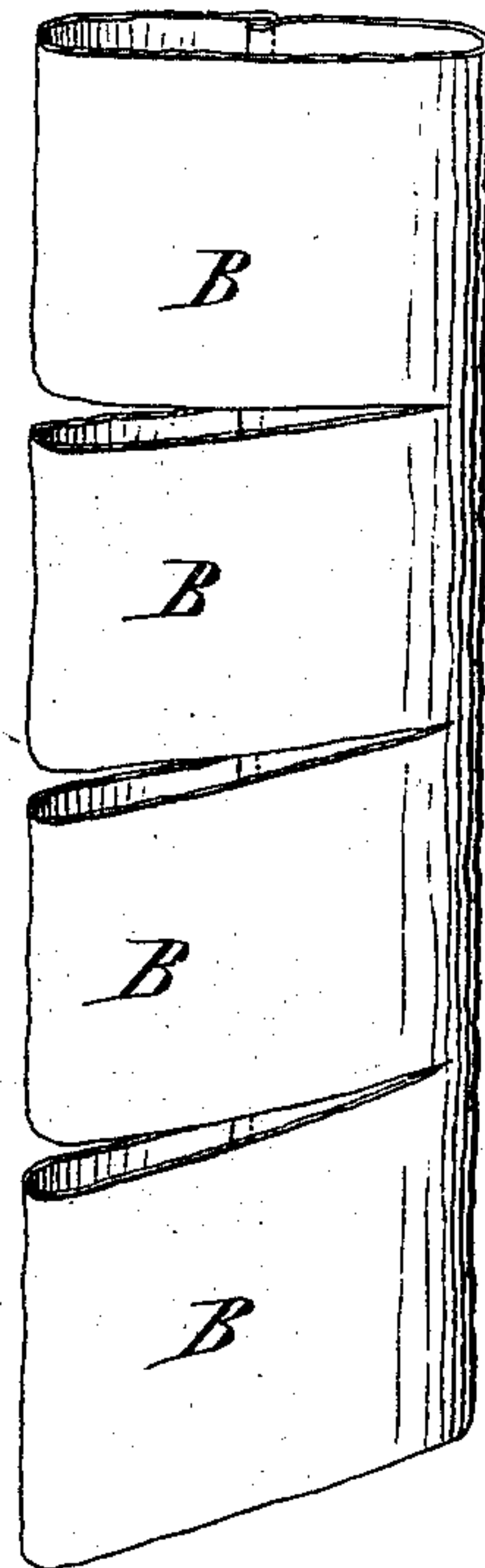
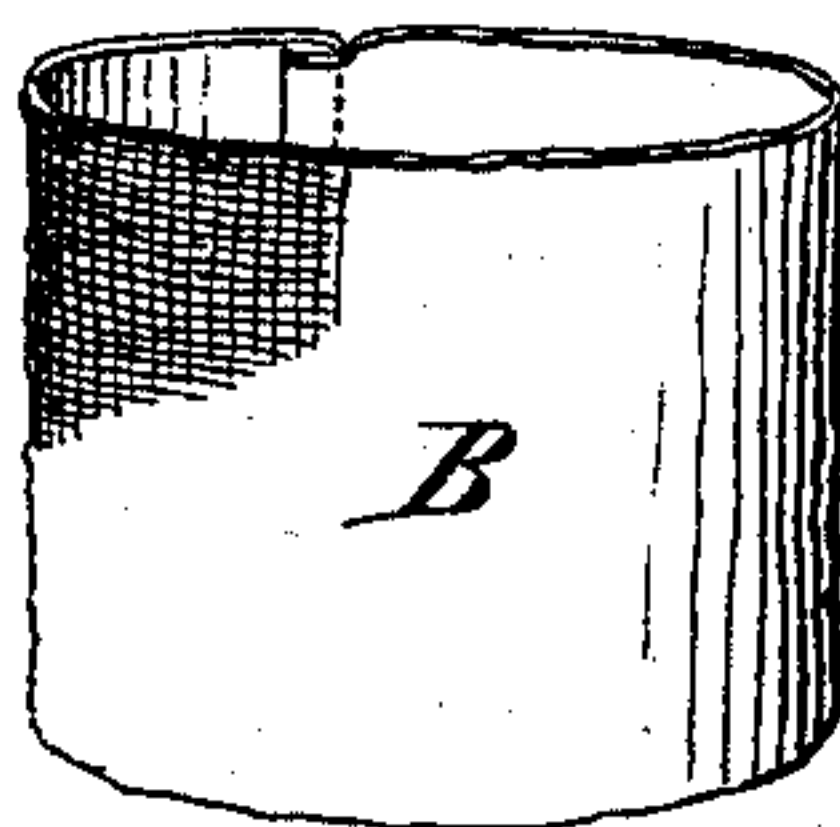


Fig. 3.



Attest:
J. H. Schott.
Per Bacon

Inventor:
Burrill W. Horton
per J. C. Parker
att'y

UNITED STATES PATENT OFFICE.

BURRETT W. HORTON, OF NEW YORK, N. Y.

CHEESE-BANDAGE.

SPECIFICATION forming part of Letters Patent No. 223,915, dated January 27, 1880.

Application filed June 19, 1879.

To all whom it may concern:

Be it known that I, BURRETT W. HORTON, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Cheese-Bandages; and I do hereby declare the following be a full, clear, and exact description of the invention, such as 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 letters of reference marked thereon, which form a part of this specification.

My invention relates to cheese-bandages; and it consists in a cheese-bandage made of a woven fabric having more picks to the inch in the filling than in the warp, as will be hereinafter more fully set forth.

In the annexed drawings, which fully illustrate my invention, Figure 1 is a perspective view of the tubular cheese-cloth before being cut into proper lengths. Fig. 2 is a similar view, showing the cloth cut partially into bandages; and Fig. 3 shows one completed bandage.

The fabric of which I make my cheese-bandages is to be woven with about one-fifth more picks (more or less) to the inch in the filling than in the warp. For instance, if the warp has, say, forty picks or threads, the filling should have, say, forty-eight picks, the object of which is to give the completed bandage more strength around, or circumferentially, where the greatest strain will come in pressing. The number of picks is immaterial, only so that the filling will have more than the warp. In the manufacture of the fabric the filling should be made of strong twisted yarn.

The fabric thus woven is placed in a suitable machine lengthwise of the roll, and wrapped around calender-rolls of suitable diameter and calendered, bringing the two edges of the fabric together, and as the fabric is drawn from over the end of said calender-rolls the edges are sewed together by a conveniently-arranged sewing mechanism, forming a tubular fabric,

A, as shown in Fig. 1. Thus the filling-threads will run circumferentially around the roll or crosswise of the bandage, and the warp-threads longitudinally of the roll or lengthwise of the bandage. This tubular fabric is fed along until it reaches a cutter, which cuts the fabric into bands B B of the desired length for cheeses of different height.

It will readily be seen that in the bands or bandages thus formed the greatest strength is around, or circumferentially, where the strain will come in pressing the cheese, while not so much strength is required up and down.

The band is placed inside of the cheese-hoop and the curd put in, after which it is pressed in the usual manner.

It is obvious that after the woven fabric has been placed around the calender-roll it may be drawn therefrom, its edges sewed together, and the tubular fabric cut into suitable cheese-bandages by hand.

I am aware that hydraulic hose made of woven material of single thickness, in which the weft-threads are the same material and made thicker and stronger than the warp-threads, have heretofore been employed, and I therefore lay no claim to such invention.

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

As a new article of manufacture, a tubular cheese-bandage of about the same width as a cheese-cake, and made of a woven fabric having more picks to the inch in the filling than in the warp, said filling running around the cheese-bandage, so as to run circumferentially around the cheese-cake, and having its edges sewed together, as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 7th day of June, 1879.

BURRETT W. HORTON.

Witnesses:

F. H. SCHOTT,
J. C. TASKER.