

(No Model.)

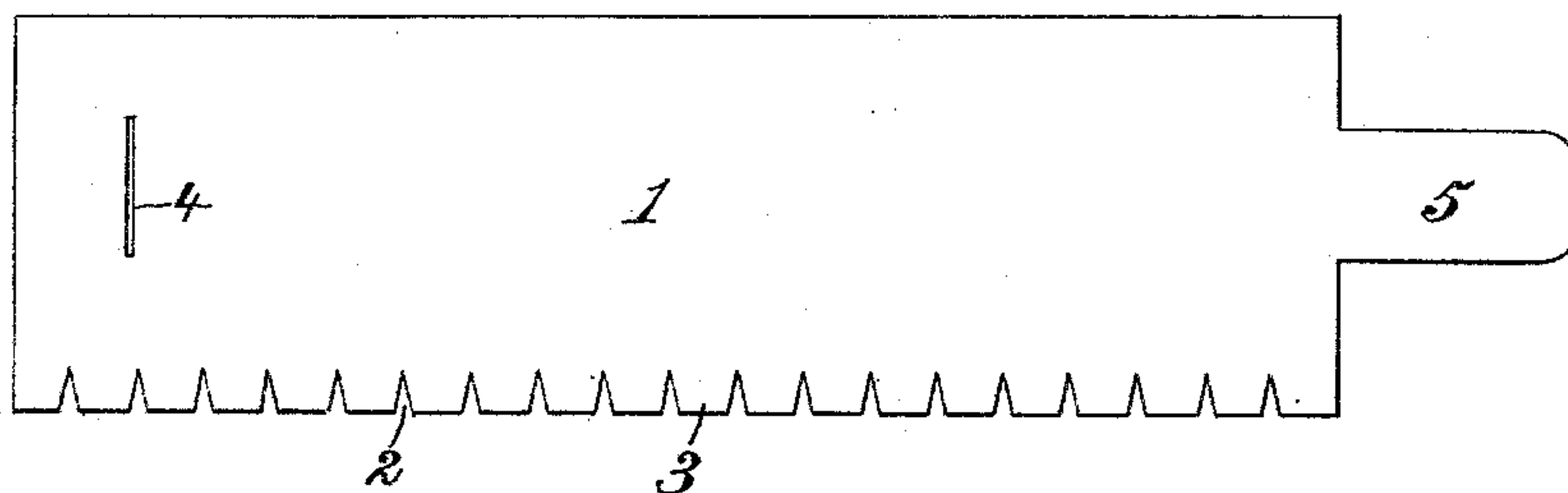
F. W. BRENTON.

COMBINED CHEESE BANDAGE AND SHIPPING CASE.

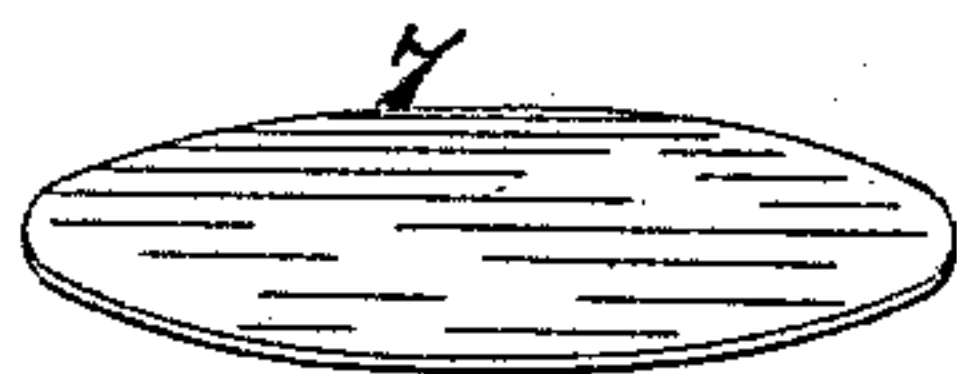
No. 315,896.

Patented Apr. 14, 1885.

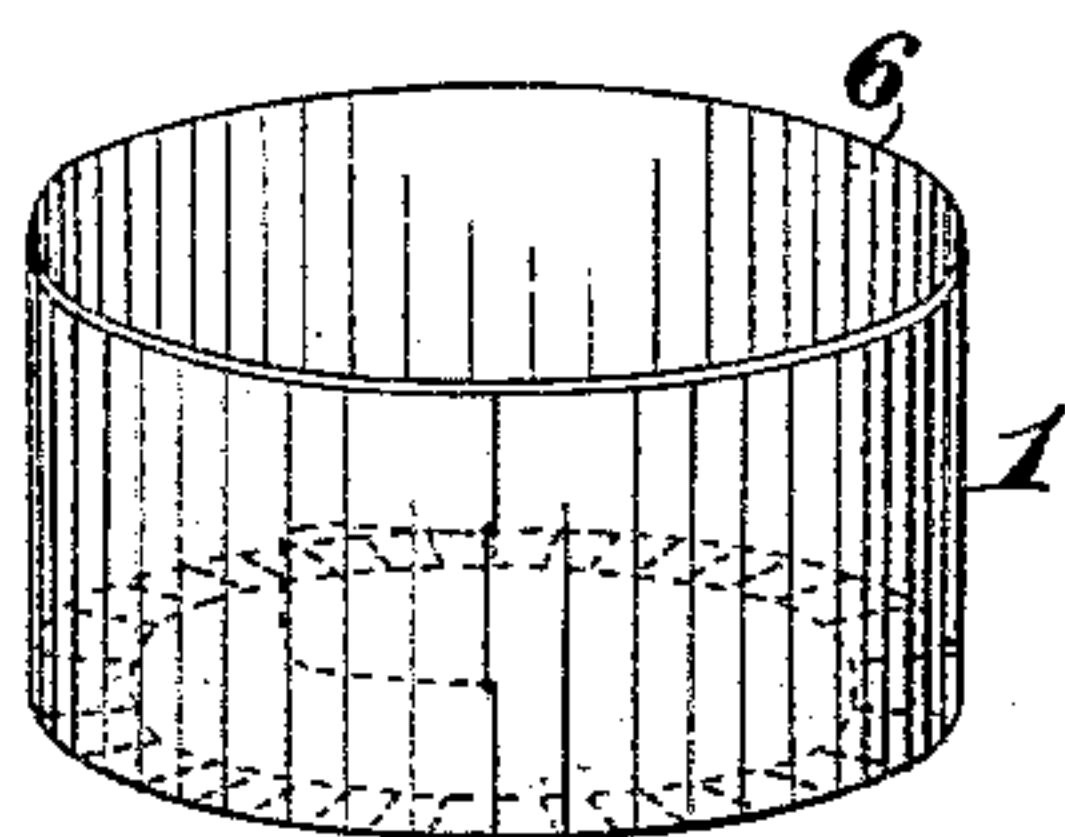
*Fig 1.*



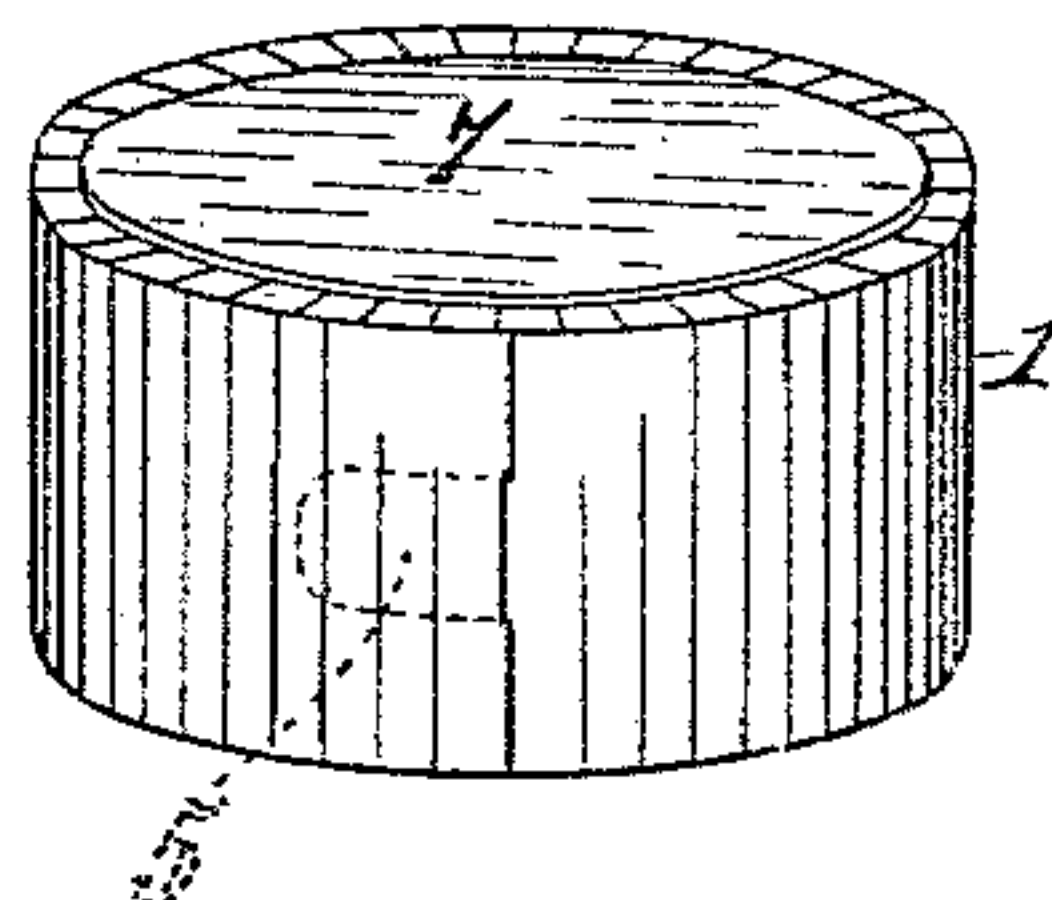
*Fig. 3.*



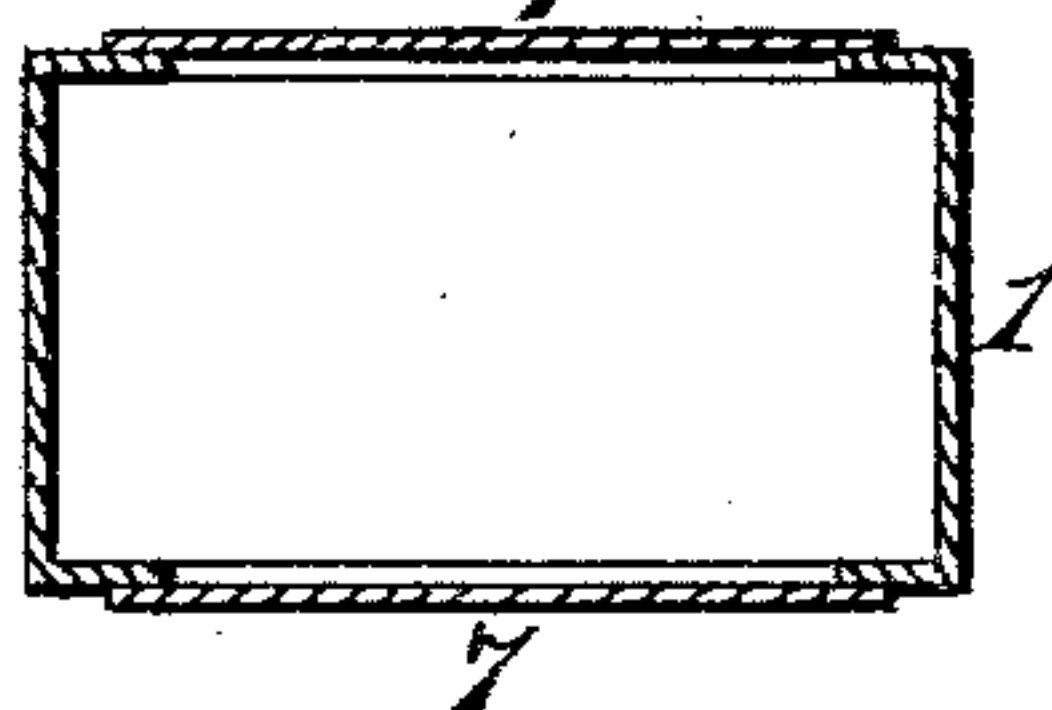
*Fig. 2.*



*Fig. 4.*



*Fig. 5.*



*Witnesses*

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# UNITED STATES PATENT OFFICE.

FRANCIS WILLIAMS BRENTON, OF FOXBOROUGH, ASSIGNOR OF ONE-HALF  
TO HARFORD ASHLEY, OF BELLEVILLE, ONTARIO, CANADA.

## COMBINED CHEESE BANDAGE AND SHIPPING-CASE.

SPECIFICATION forming part of Letters Patent No. 315,896, dated April 14, 1885.

Application filed May 19, 1884. (No model.) Patented in Canada April 2, 1884, No. 19,039.

*To all whom it may concern:*

Be it known that I, FRANCIS WILLIAMS BRENTON, a subject of the Queen of Great Britain, residing at Foxborough, in the county of Hastings, Province of Ontario, and Dominion of Canada, have invented new and useful Improvements in a Combined Cheese Bandage and Shipping - Case, (for which I have obtained Letters Patent in Canada, No. 19,039, dated April 2, 1884,) of which the following is a specification.

This invention has for its object to provide a novel bandage and shipping case or box for cheese; and to such end the invention consists in the construction and combination of devices hereinafter described and claimed.

The invention is clearly illustrated by the accompanying drawings, in which Figure 1 is a plan view of the paper or straw board blank for forming the combined bandage and shipping box or case. Fig. 2 is a perspective view of the same formed into circular shape to be arranged in the cheese-hoop for receiving the curd; Fig. 3, a detached perspective view of one of the face-pieces to cover the flat faces of the cheese after being formed in the bandage and shipping-case. Fig. 4 is a perspective of the completed article, inclosing a cheese for shipment; and Fig. 5 is a central cross sectional view of Fig. 4.

Referring to the drawings, the number 1 indicates a strip of thick paper or straw board of rectilinear outline, of such length as is suitable to meet the conditions required, having one longitudinal edge constructed with a series of V-shaped notches or recesses, 2, to produce the series of lips 3. The length of the strip must be such as to enable it to encircle the cheese required and permit its ends to overlap each other a short distance, and the strip is provided adjacent to one end centrally, or nearly so, between the longitudinal edges, with a transverse slit, 4, into which is adapted to be inserted a tongue, 5, formed as an extension of the other end of the band, for the purpose of bringing the strip into circular shape, as in Fig. 2, for its arrangement in the usual cheese-hoop. The thick paper or paper-board is sufficiently stiff and firm, so that when the ends are interlocked by the tongue and slit it will

stand upright when empty, which obviously is not possible in the ordinary bandage of cotton fabric. The V-shaped notches permit the stiff edge of the strip to be turned inward at right angles thereto, so as to cover the marginal bottom face of the cheese, and the strip thus constructed is placed in a cheese-hoop and the curd poured into the same to fill the space within the circular bandage, after which the ordinary follower or press-block is forced down upon the curd and the latter pressed inside the bandage. The curd having been pressed sufficiently to mold it into the bandage, so that the upper edge of the latter projects a short distance above the top face of the cheese, the follower is raised and the stiff projecting upper edge, 6, of the bandage is turned inward at right angles to rest upon the top face of the cheese, (see Fig. 4,) after which the follower is again forced down and pressure resumed to cause the stiff bent upper edge of the bandage to maintain its position on the marginal top face of the cheese. The stiff marginal edges of the thick paper or straw board bandage cover and effectually protect and guard the edges of the cheese.

In the process of pressing and molding the cheese in the cheese-hoop the curd is formed about the tongue 5, thereby confining or locking the tongue in place to secure the strip in place. The cheese having been sufficiently pressed and molded in the strip, as explained, is removed from the cheese-hoop and placed in the curing-room, as usual, and after it is cured a circular flat disk, 7, of strong paper or straw board, is placed upon the upper and lower flat faces of the cheese. (See Figs. 4 and 5.) The diameter of the circular disks is such that their edges will overlap the turned-in edges or flanges of the bandage, to which flanges the disks are fastened by a suitable adhesive substance. If desirable, the covering-disks can be applied while the cheese is in the cheese-hoop and there pressed to secure them firmly and smoothly in place. The cheese is then seasoned, after which it is ready for shipment, and by the means set forth it is provided with a combined bandage and shipping box or case of such substantial character that no additional wooden or other boxing is required, as is



usual when the cheese is prepared with a cotton bandage by the method and means ordinarily practiced.

5 The practically rigid but thin structure of the bandage and shipping-case provides efficient means for protecting the cheese in transportation and otherwise, while the weight of the article and the space required for its shipment are so lessened as to materially decrease  
10 the cost of transportation, as well as the manufacture of the cheese.

15 I may employ a facing or lining of textile fabric—such as cotton or linen—to the paper or straw board for increasing the strength thereof.

I am aware of Patent No. 82,895 for boxing, bandaging, and preparing cheese, and do not wish to be understood as claiming what is therein disclosed.

20 Having thus described my invention, what I claim is—

1. A combined cheese bandage and shipping-case consisting of a strip of thick paper-board or equivalent material having inwardly-  
25 turned flanges at its upper and lower edges, and circular flat disks having their periph-

eral edges overlapping the inwardly-turned flanges, substantially as described.

2. A combined cheese bandage and shipping-case consisting of a strip of thick paper-board or equivalent material having inwardly-  
30 turned flanges at its upper and lower edges, and a slit adjacent to one end and a tongue on the other end, and paper or straw board disks adapted to overlap the inwardly-turned flanges  
35 of the strip, substantially as described.

3. A combined cheese bandage and shipping-case consisting of a thick paper-board or equivalent material strip having a transverse  
40 slit adjacent to one end and a tongue on the other end to enter the slit and lie inside, and provided with inwardly-turned flanges at its upper and lower edges, and the circular paper or straw board disks adapted to overlap and  
45 be cemented to the inwardly-turned flanges, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS WILLIAMS BRENTON.

Witnesses:

ADAM HENRY,  
E. L. SILLS.