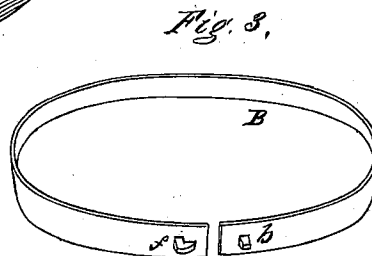
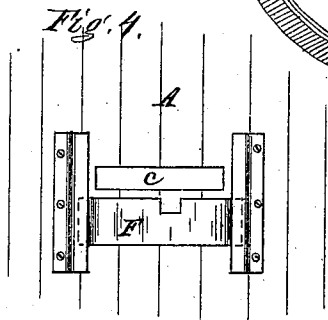
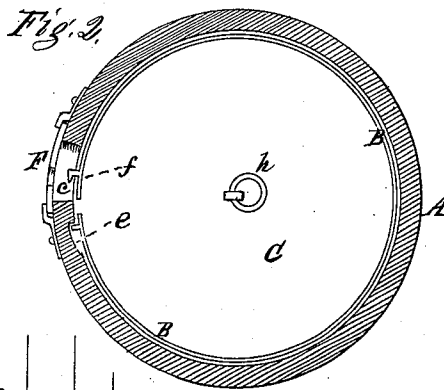
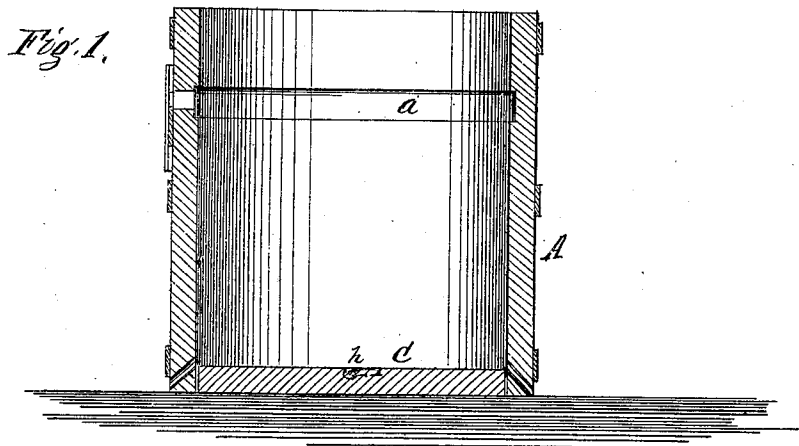


W. Sternberg,
Cheese Hoop.

No. 112,977.

Patented Mar. 21. 1871.



Witnesses.
Amos
J. A. Morley

Inventor.
William Sternberg

United States Patent Office.

WILLIAM STERNBERG, OF BRIDGEPORT, NEW YORK.

Letters Patent No. 112,977, dated March 21, 1871.

IMPROVEMENT IN CHEESE-HOOPS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM STERNBERG, of Bridgeport, in the county of Madison and State of New York, have invented a new and useful Improvement in Cheese-Hoops; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a sectional side view of the hoop, and

Figure 2 is a horizontal section of the same.

Figures 3 and 4 are detail views.

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

In cheese making the bandage is ordinarily applied by first pressing the cheese in a sack or press-cloth, and when the cheese has become firm enough to handle it is removed from the hoop, and the press-cloth taken from it and the bandage then applied, when the cheese is again placed in the hoop and submitted to pressure.

The object of this invention is to complete the process in one operation, and obviate the necessity for removing the cheese from the hoop to place the bandage upon it, thereby making an important saving of labor, as hereinafter more fully explained.

I provide an adjustable ring for holding the upper edge of the bandage inside of the hoop, and this ring is made to occupy a groove in the hoop, so as not to interfere with the follower.

In the accompanying drawing—

A is the hoop,

B is the ring, and

C is the bottom.

The bandage is placed in the hoop, and its upper edge is fastened in the groove *a*, fig. 1, by expanding the flat band or ring B, fig. 3, into said groove, which

is done by first securing one of its ends to the hoop, by inserting the nib *b*, fig. 3, in a notch, *e*, fig. 2, in the hoop, and then inserting a small lever through the hole *c* in the side of the hoop and prying the ring open, the said lever engaging with a hook, *f*, figs. 2 and 3, on the other end of the ring.

F is an adjustable fulcrum for the expanding lever, and is made by a metal plate having a notch in it for holding the lever and sliding vertically in guide-pieces on the side of the hoop.

The ring B is also pushed from the groove *a* by inserting the before-mentioned lever through the opening *c* in the side of the hoop.

When the bandage has been secured as described the bottom C is pushed down, and this smoothes it out. The lower cap of cloth is then placed on the bottom C, and the upper cap is forced down before the follower; and by these means the cheese pressing is greatly facilitated, as the operation is completed with the first pressing, and without having to replace the cheese in the hoop after it has been removed.

The bottom C can have a ring *h* for lifting it, the ring to lie in a depression in the bottom when not in use, so that the bottom will present a fair surface toward the cheese.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

The grooved hoop A *a*, in connection with the expansible ring B, substantially as and for the purpose herein specified.

The above specification of my invention signed by me this 14th day of February, 1871.

WILLIAM STERNBERG.

Witnesses:

ONEY SAYLES,

F. A. MORLEY.