

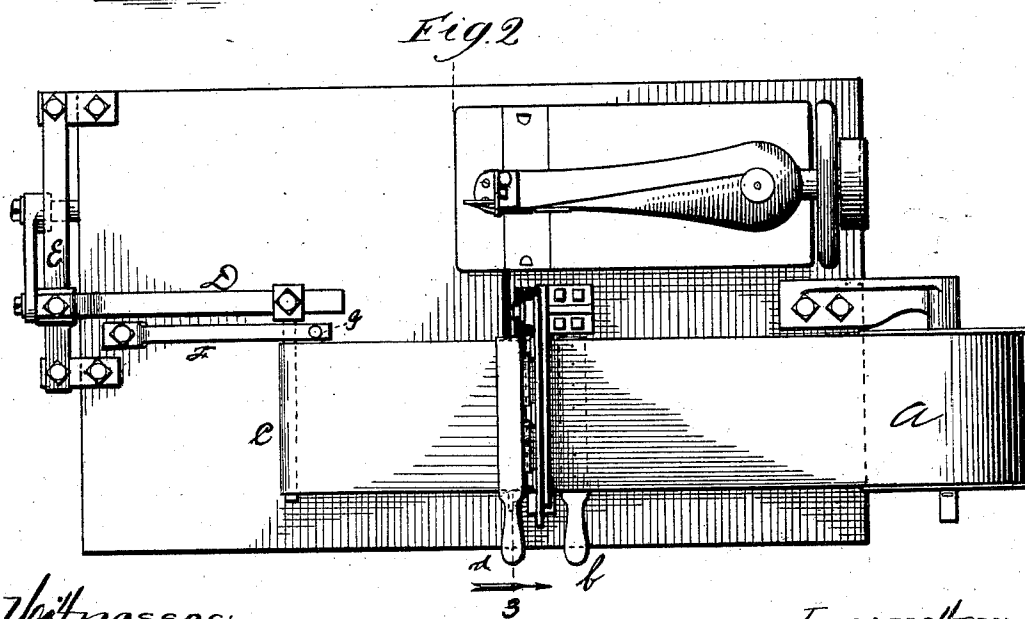
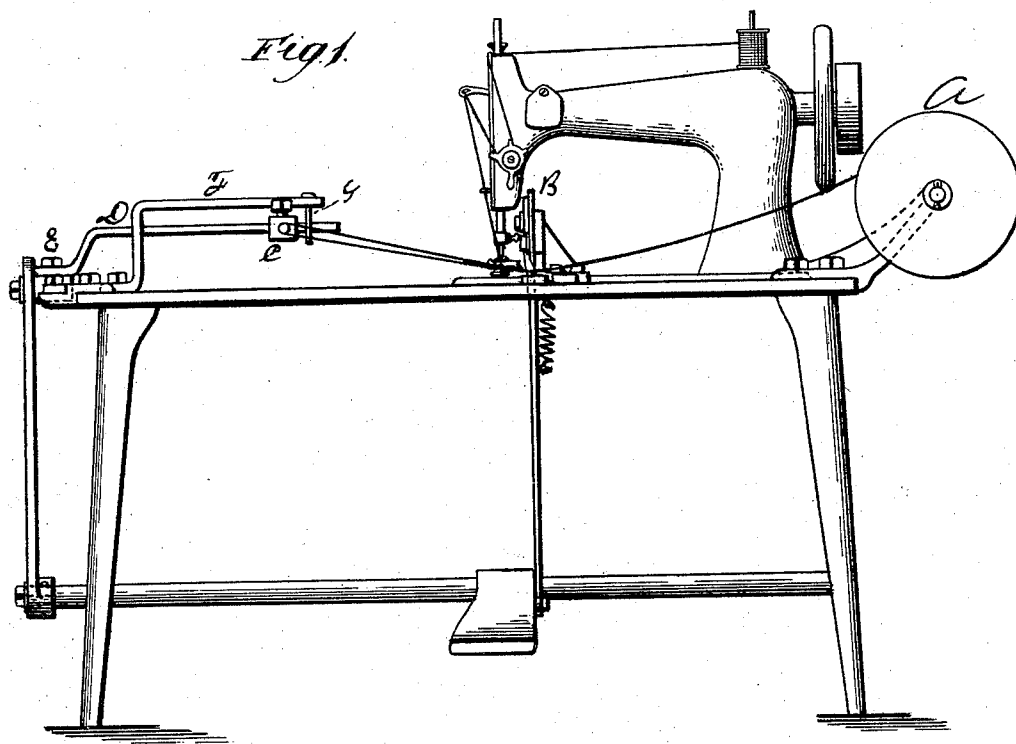
(No Model.)

2 Sheets—Sheet 1.

J. J. ANGUS.
CHEESE BANDAGE MACHINE.

No. 535,087.

Patented Mar. 5, 1895.



Witnesses:
Clifford White,
Frances L. Sibley.

Inventor,
John J. Angus.

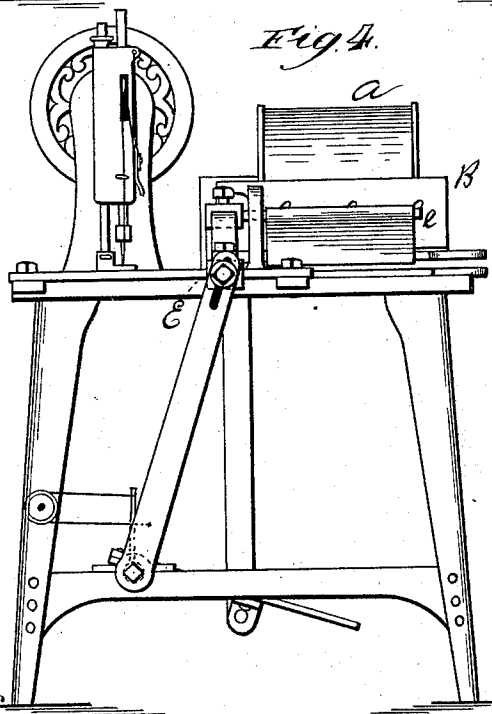
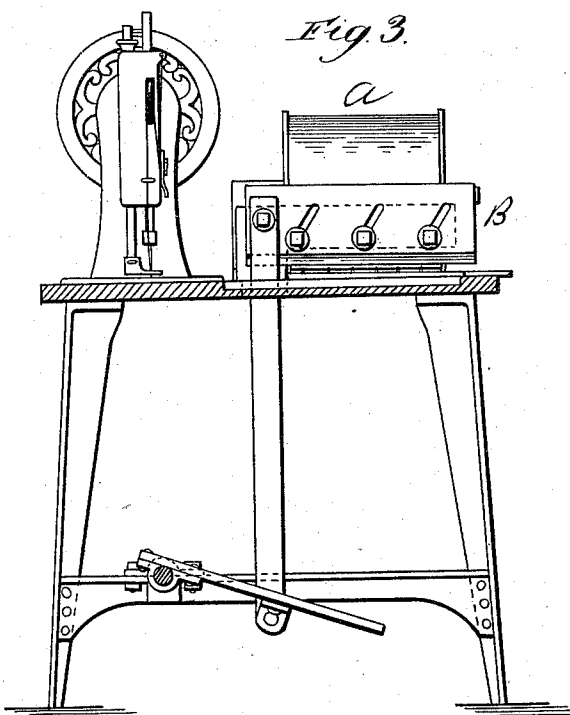
(No Model.)

2 Sheets—Sheet 2.

J. J. ANGUS.
CHEESE BANDAGE MACHINE.

No. 535,087.

Patented Mar. 5, 1895.



Witnesses:
Clifford N. White,
Francis L. Sibley

Inventor:
John J. Angus

UNITED STATES PATENT OFFICE.

JOHN J. ANGUS, OF GREENBUSH, WISCONSIN.

CHEESE-BANDAGE MACHINE.

SPECIFICATION forming part of Letters Patent No. 535,087, dated March 5, 1895.

Application filed February 8, 1894. Serial No. 490,543. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. ANGUS, of Greenbush, in the county of Sheboygan and State of Wisconsin, have invented certain new and useful Improvements in Cheese-Bandage Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings.

The object of my invention is to provide a machine for making cheese-bandages which shall be practical, accurate, and rapid in operation.

Figures 1 and 2 of the drawings represent front and top views of the machine, with sewing machine attached and arranged to run by power. Fig. 3 is a sectional end view showing shears attached to treadle. Fig. 4 is an end view of machine showing the guide E attached to the treadle bar by which the bar D, is thrown back as the shears are operated. Fig. 5 is a handle provided with teeth by means of which the cloth is manipulated in making the bandage.

A, represents a spool or small reel upon a spindle with cloth wound upon it the exact width of the bandage required.

B is a pair of shears operated by the treadle below.

C is a movable arm attached to the bar D, which is also movable and constructed to be operated by the treadle upon the guide E.

To operate the machine pass the end of the cloth between the shear blades and around the arm C and back to the shears. Pressure upon the treadle operates the shears, cutting off the bandage thus formed and at the same time the bar D is thrown back by means of the guide E and the arm C is withdrawn from the loop of the bandage when it is passed to the sewing machine for completion.

The arm F is stationary in front of the bar D and is provided with the pin G to remove the loop of the bandage as formed from the arm C as it is drawn back by the bar D to release the bandage. The arm C may be brought back to its former position and the

shears opened by a spring or other automatic device.

To use the handle, Fig. 5, it is placed in position at the right of the shears under the cloth, as shown at *b*, Fig. 2, with the sharpened brads up. The upper blade of the shears in descending fastens the end of the cloth upon the brads (or it may be done with the hand). The handle with the end of the cloth is then brought through the shears and around the arm C from beneath and back with the brads on the under side to be forced through the lower thickness of bandage, thus fastening the two ends of the cloth forming the bandage into position for sewing shown at the left of the shears in Fig. 2. A groove in the top of the table and guides to direct the handle assist in the accuracy and rapidity of feeding the bandage to the needle when being sewed. Two such handles are required to operate the machine to the best advantage.

It is obvious that any or all of the parts of the machine may be constructed to be operated by hand, also that a knife can be used in place of the shears B.

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

1. The combination of the arm C with the spool A, and with the shears B as described; the shears B being in position between the arm C and the spool A as shown and for the purpose set forth.

2. In a cheese bandage machine, a measuring and folding device consisting of the arm C, adjustably attached to the bar D, and with a free projecting portion as shown in combination with the shears B.

In testimony that I claim the foregoing I have hereunto set my hand, at Waldo, in the county of Sheboygan and State of Wisconsin, in the presence of two witnesses.

JOHN J. ANGUS.

Witnesses:

FRANCES SIBLEY,
C. L. SIBLEY.