

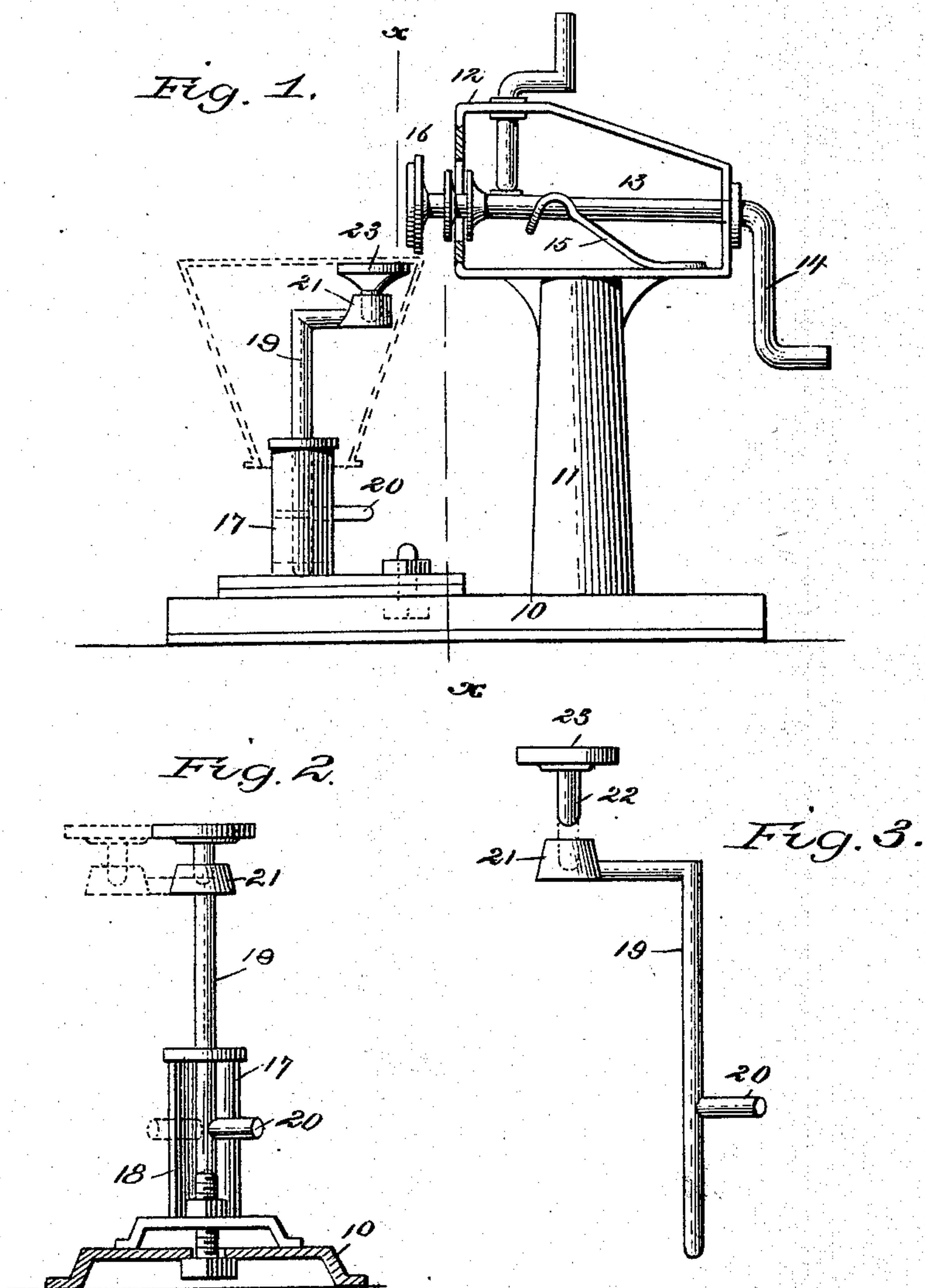
(No Model.)

P. W. ALLEN.

ATTACHMENT FOR TINNERS' DOUBLE SEAMING MACHINES.

No. 413,380.

Patented Oct. 22, 1889.



**WITNESSES:**

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# UNITED STATES PATENT OFFICE.

PETER WOLF ALLEN, OF PUEBLO, COLORADO.

## ATTACHMENT FOR TINNERS' DOUBLE-SEAMING MACHINES.

SPECIFICATION forming part of Letters Patent No. 413,380, dated October 22, 1889.

Application filed May 14, 1889. Serial No. 310,718. (No model.)

*To all whom it may concern:*

Be it known that I, PETER WOLF ALLEN, of Pueblo, in the county of Pueblo and State of Colorado, have invented a new and Improved Attachment to Tanners' Double-Seaming Machines, of which the following is a full, clear, and exact description.

My invention relates to an attachment to tanners' double-seaming machines, and has for its object to provide a simple device capable of attachment to any machine of the above-named type, by the use of which the bottoms of tea-kettles and similar vessels may be expeditiously and conveniently double-seamed to the body or breast, even when the breasts themselves have been double-seamed.

The invention consists in the novel construction of the device and its combination with the presser foot or roller of a double-seaming machine, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of a double-seaming machine having my attachment applied. Fig. 2 is a section on line *xx* of Fig. 1, and Fig. 3 is a side elevation of the device detached.

In connection with my approved attachment I have illustrated one form of double-seaming machine consisting of a base 10, from which a pillar 11 is perpendicularly projected, carrying at the upper end a frame 12, in which a shaft 13 is adjustably journaled, rotated by a crank 14 and supported by a spring 15. Upon the inner end of the shaft a presser or seaming foot 16 is secured, in this instance of circular shape. Upon the base in front of the pillar 11 a tubular post or standard 17 is secured, capable of adjustment to and from the pillar, which tubular standard is provided with an apertured top, and a vertical slot 18 in one side, as shown in Fig. 2. In this tubular standard my attachment is introduced. It consists of an angled rod or bar 19, the perpendicular member whereof is of greater length than the hor-

izontal member, and is adapted to be passed through the upper opening in the standard to a seat in the bottom. The angled rod or bar is capable of turning in the standard, its lateral movement being limited by a pin 20, screwed or otherwise secured therein, which pin projects out through the slot in the standard, as shown in Fig. 2. When the pin contacts with one wall of the standard-slot 18, the horizontal member of the rod or bar 19 is carried to a position at a right angle to the vertical axis of the presser-roller, and when the pin contacts with the opposite wall of the slot the said horizontal member is carried away from the roller. The two positions are shown in Fig. 2.

At the extremity of the horizontal member of the device a socket 21 is produced, adapted to receive the shank 22 of an anvil block or plate 23, the said shank being capable of turning in the said socket.

In operation the breast of the kettle or vessel to be bottomed having been seamed, or the sides otherwise united, the bottom is placed upon the breast, the device is drawn toward the operator away from the seaming or pressure roller, and the vessel is placed upon the anvil-block, as shown in dotted lines, Fig. 1. The device is now thrown back until stopped by the pin 20, which happens when the pressure or seaming roller contacts with the bottom. The shaft is then rotated, the double seaming accomplished, and the device is drawn outward to receive another vessel. By turning the crank to the left the operator is enabled to see just what the machine is doing.

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

1. The combination, with the slotted standard, of the anvil-holding rod 19, having an arm projecting at right angles to its upper end, provided with a vertical socket 21, and a pin 20, projecting at right angles from the rod below its horizontal arm and forming a stop and handle, substantially as set forth.

2. The combination, with the pressure-foot or seaming-roller of a double-seaming ma-

chine, of a tubular standard having a slot-  
ted side, an angled anvil-rod held to turn in  
said standard, a socket formed upon the hori-  
zontal member of the rod, an anvil-block  
5 held to turn in said socket, and a pin inserted  
in the vertical member of the rod, project-  
ing through the slot in the standard, substan-

tially as shown and described, and for the  
purpose specified.

PETER WOLF ALLEN.

Witnesses:

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