

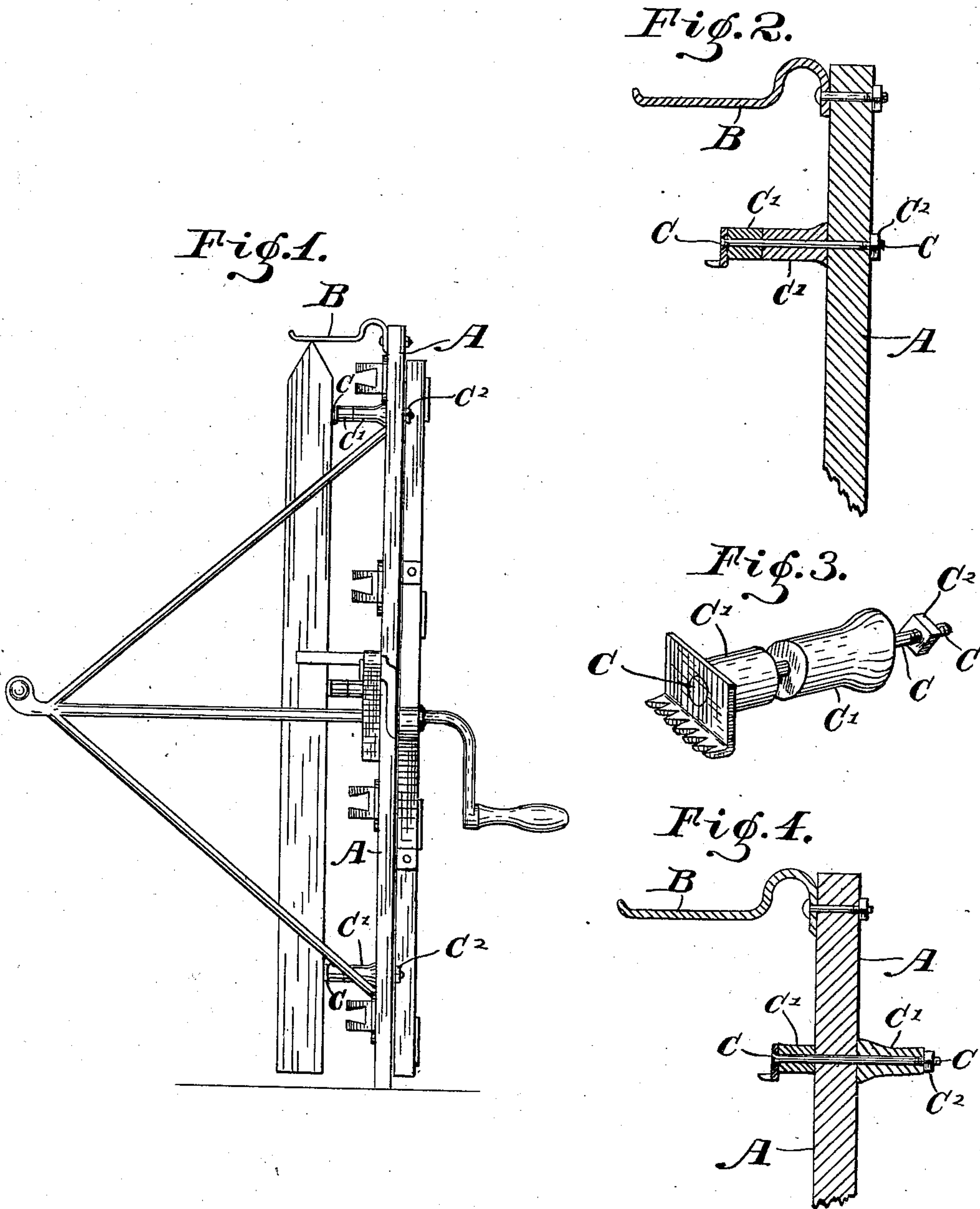
(No Model.)

W. H. H. FAUBER.

ATTACHMENT FOR FENCE MACHINES.

No. 376,645.

Patented Jan. 17, 1888.



WITNESSES:

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ATTACHMENT FOR FENCE-MACHINES.

SPECIFICATION forming part of Letters Patent No. 376,645, dated January 17, 1888.

Application filed April 16, 1887. Serial No. 235,018. (No model.)

To all whom it may concern:

Be it known that I, W. H. HARRY FAUBER, of the town of Marshfield, county of Warren, and State of Indiana, have invented certain new and useful Improvements in Attachments for Fence-Machines, of which the following is a specification.

My present invention consists in certain improvements, in the particulars indicated, upon that shown and described in my Letters Patent No. 359,778, dated March 22, 1887, whereby the supporting and spacing of the slats or pickets of the fence is rendered more certain and accurate, as will be hereinafter more particularly described.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a side view of a fence-building machine embodying my said invention, said view being substantially identical with Fig. 4 of the drawings of said Letters Patent, except in so far as my present construction is substituted for that therein shown; Fig. 2, a vertical sectional view of the upper end of said machine on an enlarged scale; Fig. 3, a perspective view of my combined claw-support, buffer, and spacer separately, and Fig. 4, a view similar to a portion of Fig. 2, except in arrangement.

In said drawings the portions marked A represent the main post or twister-board of the machine; B, a gage for the tops of the slats or pickets, and C my improved support, buffer, and spacer.

The machine generally, including the post or twister-board A, may either be of the construction shown in my aforementioned Letters Patent or any other suitable construction, and not being the subject of my present invention, will not be further described herein. The gage B also is similar to that shown in said Letters Patent, and, except that a gage is necessary to the most perfect working of my present invention, does not particularly relate thereto.

The combined claw-support, buffer, and spacer consists of a bolt, C, spools or washers C', and a nut, C". The bolt C passes through the post or twister-board A, as shown, in that direction which brings its head toward the

slats or pickets during the operation of building the fence. The head should be of considerable size, and is provided with the teeth c, which, when brought against a slat or picket with the usual force, will enter it and hold it firmly to position. There are preferably two or more of the spools or washers C, and they are formed, preferably, of wood. These serve to constitute the device an adjustable spacer. When it is desired to change the spacing, this device is detached from the post or twister-board, one or more of these spools or washers removed, the device returned to place, and the removed spools or washers placed over the bolts on the opposite side, thus bringing the head nearer to or farther from the post or twister-board, as will be readily understood. In Fig. 2 these spools or washers are shown as all on one side of the bolt-head, which is thus arranged at the extreme distance from the post or twister-board. In Fig. 4 I show these spools or washers divided and the bolt-head brought nearer to said post or twister-board.

My machine generally operates substantially as described in my aforementioned Letters Patent. In said Letters Patent, however, the spring-clamp, which was employed to hold the pickets up, I have found to be less efficient sometimes than is desirable, as it does not always hold the slats or pickets firmly up against the gage, nor readily take in those of different thicknesses, while they are less easily and quickly placed in position than with my present device. The buffers and spacers also were defective, in that the nuts which supported or secured them in position frequently worked loose, and, there being no device by which the adjustment of all of them could be uniformly determined, the users would frequently suffer a slight variation in adjustment to occur, which, as will be readily seen, in a short time affected the perpendicularity of the slats or pickets to an appreciable degree, and the users of the machines not always being mechanics, frequently did not understand how to remedy this defect. It will be noticed in this connection that all the buffers and spacers in my present invention are alike, except that the upper one is provided with teeth, which enter the wood of the slat or picket, and thus serves also as a support. Therefore, when an adjust-

ment is to be effected, the spools or washers either being of precisely equal size or easily distinguishable, there is no liability of an unequal adjustment.

5 The peculiar advantage of my claw-support in connection with the gage will be understood from the following statement: After the slat or picket has been driven into the bight of the wires, and just as the twist is being made,
10 the wires on one side of the picket move up and those on the other side move down. As the wires on the opposite sides bind against the slat or picket, it necessarily follows that they will slip on one side or the other in making the twist, thus carrying the picket up or
15 down, as the case may be, unless rigidly held to position.

The gage in my machine, as heretofore constructed, will always prevent the slat or picket
20 from moving up, but the spring would not always keep it from moving down. My claw-support, however, as shown in this present invention, enters the wood and holds the slat or picket firmly in position. The gage, then, in
25 my present invention is mainly for convenience in securing a proper alignment of the top of the fence, the practice being, when a slat or picket is first inserted, to bring it up against this gage, where it is first temporarily
30 secured by forcing it lightly into engagement with the teeth of the claw-support, (which may be done by striking it a slight blow with the hand just opposite said support,) and to hold it in position during the operation of
35 drawing the machine back and forcing it forward, thus driving the slat or picket into the bight of the wires and increasing the engagement of the teeth therewith, so that it shall be firmly held while the twist is made in the
40 wires which secures it in position as an integral part of the fence.

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

45 1. The combination, with a fence-machine,

of a claw-support secured to a suitable part thereof and arranged to engage with the slat or picket, whereby said slat or picket is held in the desired position during the twisting, substantially as set forth. 50

2. The combination, in a wire-fence machine, with the other mechanism, of a gage for determining the position of the slat or picket, and a claw-support for supporting it in said position during the operation of securing it
55 into the fence.

3. A support for slats or pickets in forming wire-and-picket fence, consisting of a projecting bolt or arm having a head provided with teeth, said support being mounted on a suitable part of the fence-machine and arranged for the said teeth to enter the wood of the slat or picket being operated upon. 60

4. In a fence-machine, the combination, with the part carrying the twisting mechanism, of
65 a claw-support projecting therefrom in advance of said twisting mechanism, whereby said picket is held during the twisting.

5. The combination, in a fence-machine, of a part carrying the twisting mechanism, said
70 twisting mechanism, a gage, B, mounted at the top of said part carrying the twisting mechanism, and a claw-support, buffer, and spacer also secured to said part, substantially as set forth.

6. In a fence-machine, the combination of the
75 main post or twister-board, gage B, mounted at the top of said twister-board, and a series of adjustable buffers and spacers mounted below said gage, one of said buffers and spacers being provided with teeth, whereby it is enabled to support the pickets in position while
80 being operated upon, substantially as set forth.

In witness whereof I have hereunto set my hand and seal at Marshfield, Indiana, this 11th day of April, A. D. 1887.

W. H. HARRY FAUBER. [L. S.]

In presence of—

C. V. MCADAMS,

O. L. WINKS.