

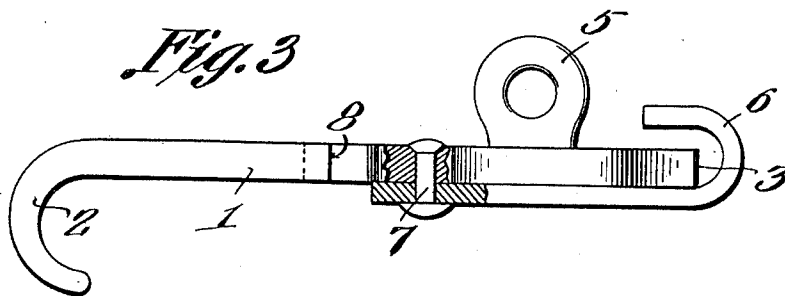
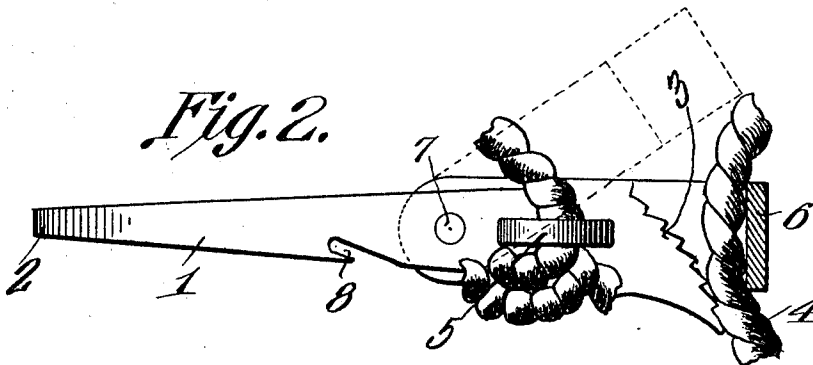
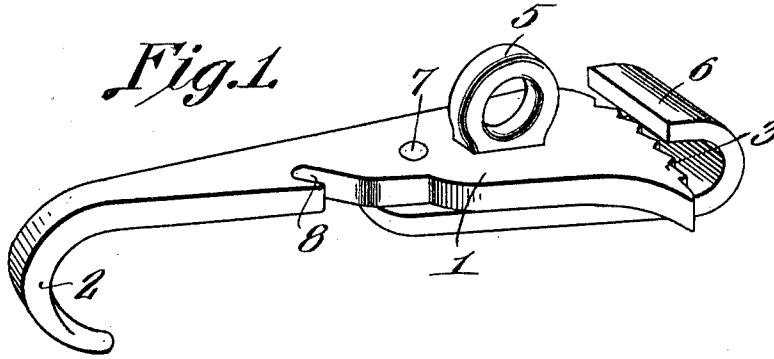
I. G. HUSTON.

CLAMP.

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1,061,178.

Patented May 6, 1913.



Witnesses

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UNITED STATES PATENT OFFICE.

ISAAC G. HUSTON, OF CAREY, OHIO.

CLAMP.

1,061,178.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ISAAC G. HUSTON, a citizen of the United States, residing at Carey, in the county of Wyandot and State of Ohio, have invented a new and useful Clamp, of which the following is a specification.

This invention relates to improvements in what may be termed temporary binders for forming corn-stalk or fodder shocks.

The invention has for its object to carry out that end in a simple, expeditious and effective manner.

The invention consists of a clamp or jaw adapted to be anchored in position and equipped with an eye or keeper for the passage therethrough of the flexible binder-member, said jaw having a cooperating pivoted member or jaw, substantially as herein-after more fully disclosed and defined by the appended claims.

In the accompanying drawing illustrating the preferred embodiment of my invention wherein it will be understood that various changes and modifications as to the detailed construction and arrangement of the parts may be made without departing from the spirit thereof, Figure 1 is a perspective view of the device; Fig. 2 is a plan view showing the same with the flexible binder as applied thereto. Fig. 3 is a side or edge view of the contrivance with the flexible binder removed.

In carrying out my invention, I employ, as above indicated, a jaw or clamp 1, preferably of the general outline shown, being approximately oblong, with one end terminated into a hook 2 for engagement with and anchoring the same to a stalk of the fodder to be formed or bound into a shock. The opposite end of the clamp or jaw is provided with a convex ratchet-face 3 for gripping the flexible binder or twine 4 as disclosed.

The jaw or clamp 1 is provided with a fixed eye or keeper 5 outstanding therefrom contiguous to, and laterally of its face or ratchet-surface for the reception or passage therethrough of the flexible binder or twine 4, the axis of said eye or keeper being parallel to the plane of the gripping action of said jaw or clamp, to retain the binder in suitable alining position therewith.

A second jaw or member 6, having a hooked or inwardly curved forward end adapted to co-act with the primary jaw or

member 1 for the retention of the flexible binder or twine 4 in effective position, is suitably pivoted to said primary jaw, preferably by means of a rivet or pivot 7 itself suitably headed in place, yet so as to allow said jaw 6 to freely pivot or swing thereon. The point of connection between the jaws 1 and 6 is effected inwardly from the eye or keeper 5 in order that the pressure or stress exerted upon the flexible binder or twine passed through said eye may be intermediate said point or pivot of the jaw 1 and the point of delivery of the gripping action of said jaw upon said binder whereby such stress or pressure will cause said jaw to automatically grip the flexible binder or twine when the pulling action, exerted upon the latter by the hand, is relaxed, as is apparent. A notch 8 is suitably provided in the lever or clamp-jaw 1 for the convenient attachment thereto of one end of the permanent binder-member or wire, or other means employed for that purpose, said binder not being shown.

It will be seen that, in forming the shock, more especially of fodder or corn-stalks, the hook-ended portion 2 of the lever or jaw-clamp 1 is suitably engaged with an individual stalk thereof. The temporary flexible binder or wire 4 is passed around the forming shock and received between the overhanging hooked end of the jaw 6 and the ratchet face of the jaw 1, and the requisite pulling action exerted upon said binder, when it is apparent that the action of the parts will be exerted automatically for the retention of the binder around the shock to allow of the ready or convenient application of the permanent binder to the shock, as is apparent.

What is claimed is:—

1. A device of the type described, including a jaw-member having a hook at one end, the opposite end or edge of said jaw-member having a convex ratchet face, and a second hook-ended jaw member pivoted at one end laterally to the first referred-to jaw-member at a point distant from said ratchet face, said second jaw-member having its hook-ended portion facing the ratchet-faced end or edge of said first-referred-to jaw-member, said first-referred-to jaw-member also having a laterally outstanding eye arranged between its pivot and its ratchet-faced or gripping edge, the axis of said eye being in a plane parallel

with the gripping action of the ratchet-faced edge of said first-referred to jaw-member.

2. In a binder, the combination of, a jaw
5 member, having a convex ratchet face at
one end, a hook extending perpendicular to
said jaw member at the other end, a later-
ally outstanding eye rigidly secured to said
10 jaw member; a second hook ended jaw
member pivotally connected to the afore-
said jaw member intermediate said eye and
hook, said second jaw member having its
end of said first mentioned jaw member, a
15 binder rope secured at one end to said eye,

and the other end extending between said
ratchet faced jaw member end and said hook
facing said ratchet, said first mentioned jaw
member being provided with a slot inter-
mediate said hook and said pivotal connec- 20
tion, adapted to engage a permanent binder
rope.

In testimony that I claim the foregoing
as my own, I have hereto affixed my signa-
ture in the presence of two witnesses.

ISAAC G. HUSTON.

Witnesses:

FRED MITCHELL,
HERBERT NEWHARD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."