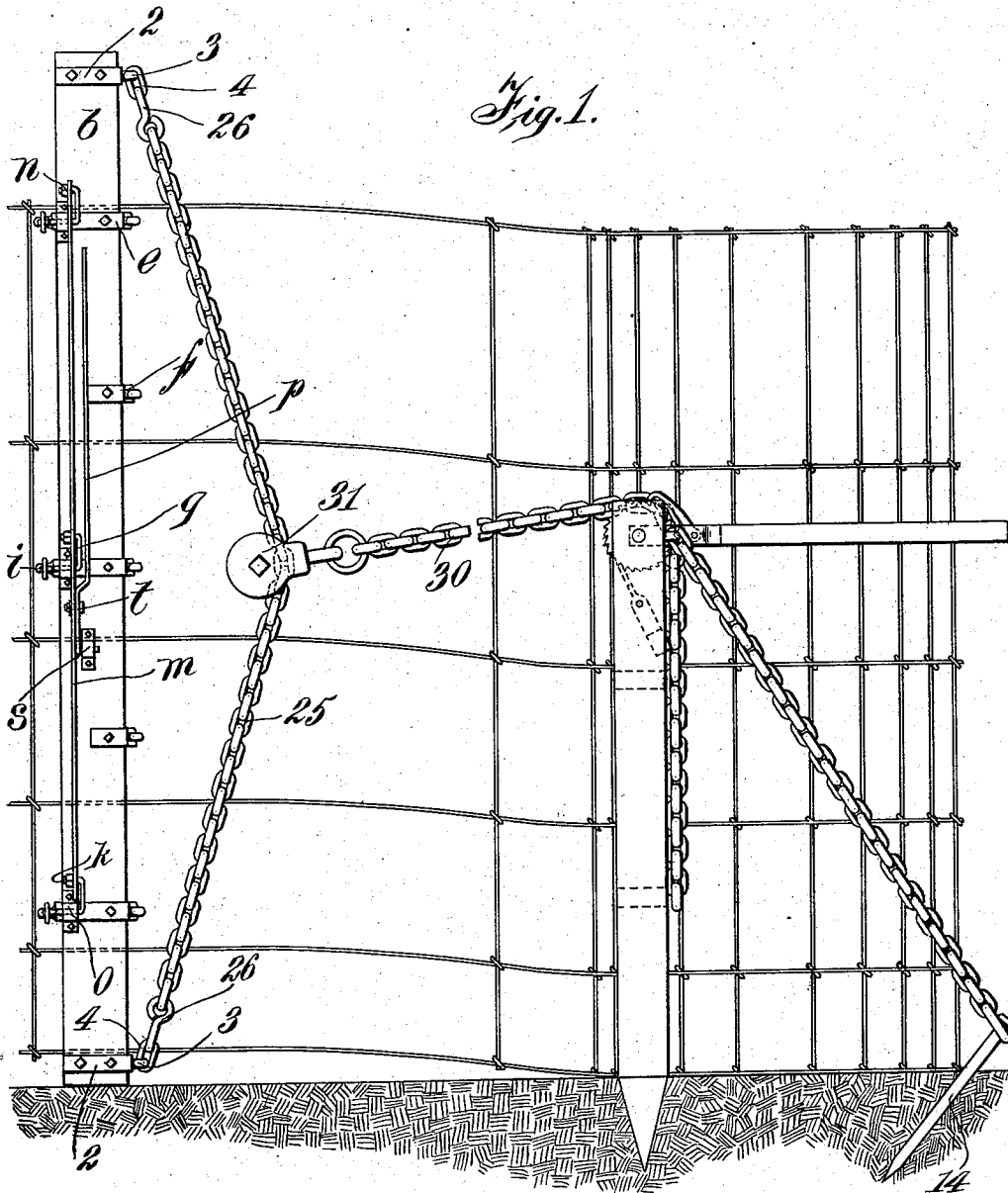


J. W. TAYLOR.
WIRE FENCE STRETCHING CLAMP.
APPLICATION FILED OCT. 16, 1909.

1,023,229.

Patented Apr. 16, 1912.

2 SHEETS—SHEET 1.



Witnesses
Alfred Hatcher
W. J. H. H.

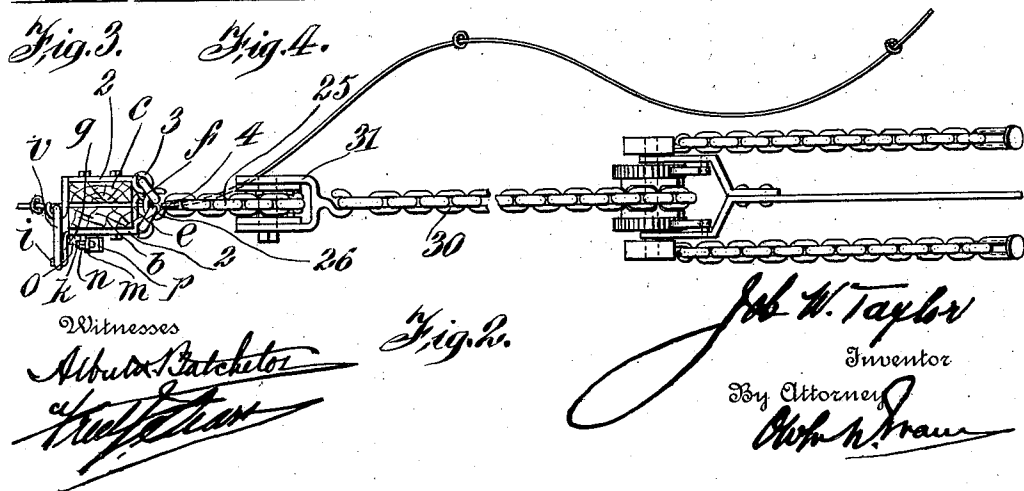
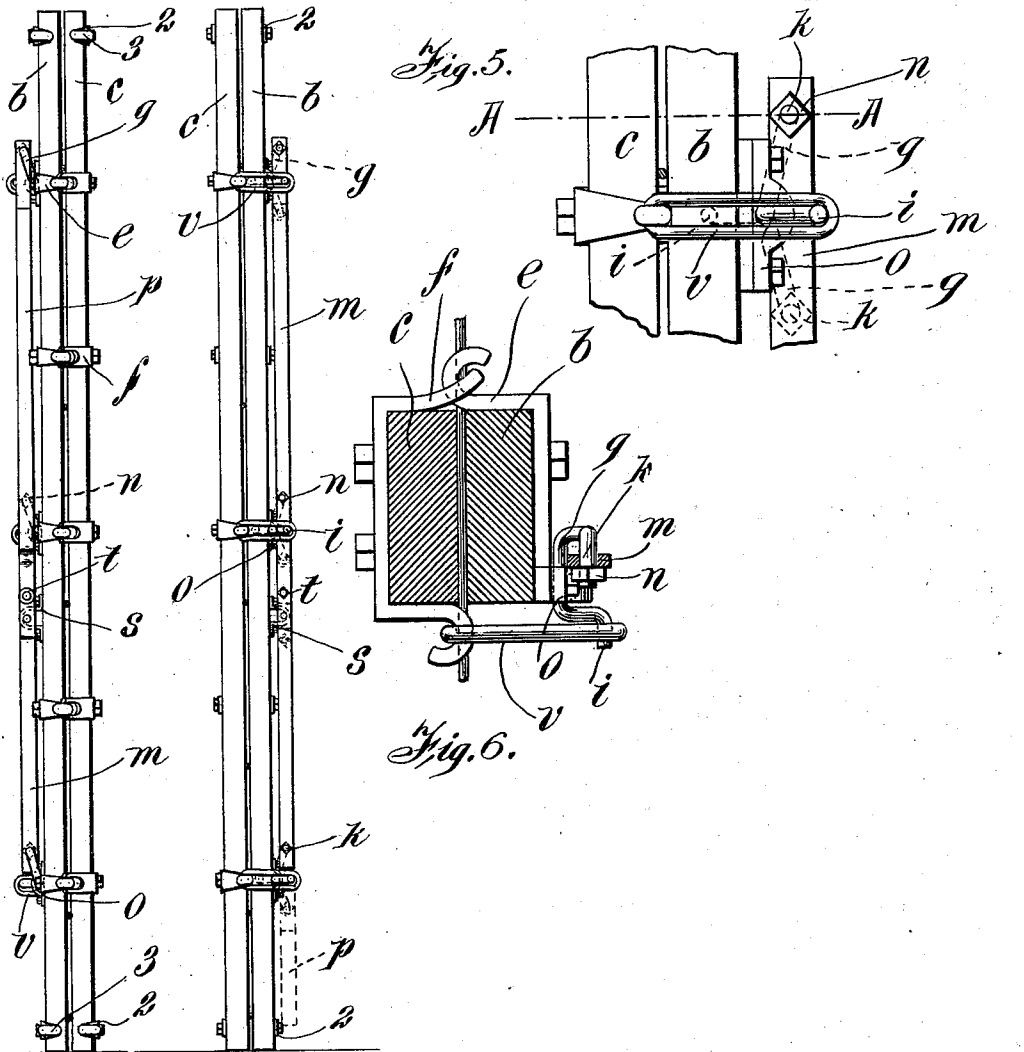
J. W. Taylor
Inventor
By Attorney
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Witnesses

Albion Batchelor
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Fig. 2.

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UNITED STATES PATENT OFFICE.

JOB WALLACE TAYLOR, OF MONTREAL, QUEBEC, CANADA.

WIRE-FENCE-STRETCHING CLAMP.

1,023,229.

Specification of Letters Patent.

Patented Apr. 16, 1912.

Application filed October 16, 1909. Serial No. 522,991.

To all whom it may concern:

Be it known that I, JOB WALLACE TAYLOR, of No. 137 Youville Square, in the city of Montreal, Province of Quebec, Canada, have
5 invented certain new and useful Improvements in Wire-Fence-Stretching Clamps; and I do hereby declare that the following is a full, clear, and exact description of the same.

10 My invention has for its object to provide an improved fence stretching clamp which will be simple in construction and capable of being quickly and easily applied to and removed from the fence material.

15 The invention may be said briefly to consist of the construction and combination and particular arrangement of parts hereinafter described and pointed out in the claims. For full comprehension, however of my invention reference must be had to the accom-
20 panying drawings forming a part of this specification, in which similar reference characters indicate the same parts and wherein—

25 Figure 1 is a side elevation of my improved clamp shown in connection with a fence stretching apparatus. Fig. 2 is a plan view thereof; Figs. 3 and 4 are face views of the clamp taken in opposite directions;
30 Fig. 5 is an enlarged detail view of the means for drawing together the clamp; and Fig. 6 is a sectional view taken on line A A Fig. 5.

35 My improved apparatus comprises a clamp to be attached to the fence material, a standard for sustaining the tension of the stretching means proper while in action, and means operatively connected between the clamp and the standard whereby the clamp
40 is drawn toward the standard thus stretching the fence material independently of the fence posts ready to receive the fence material.

45 The clamp consists of a pair of jaws *b* and *c* in the form of planks of a length slightly greater than the width of the fence material, the jaw *b* has bolted thereto a series of hooks *e* adapted to engage a corresponding series of loops or eyes *f* bolted to the jaw *c* thus forming a readily detachable
50 hinge connection between the jaws. The jaw *b* also carries a series of U-pins *g*, one leg *i* of each of which is in the form of a crank and overhangs the unhinged side edge of such jaw while the other leg *k* projects
55 through a rigid bar or yoke *m* and is piv-

otally connected thereto by a nut *n*. These U-pins are rotatably secured to this jaw *b* by bearing caps *o* bolted therethrough and through an extension of the plates upon
60 which the hooks *e* are formed and a lever *p* fulcrumed beneath a bearing cap *s* has a pin *t* engaging the yoke or bar.

The loops or eyes *f* upon the jaw *c* are formed at the ends of straps which have
65 their opposite ends tapered and turned back upon themselves to form eyes loosely retaining links *v* adapted to be looped over the cranks *i*.

The opposite ends of the jaws have bolted
70 thereto straps 2 formed with eyes 3 carrying links 4 affording devices for the attachment of any suitable fence stretching means. As here shown a chain 25 has its hooked ends
75 26 engaging the links 4, this chain passing over a pulley 31 secured to the end of a chain 30 which leads from a stretching device indicated at the right side of Fig. 1.

In using the clamp the lever *p* is thrown to the position shown in dotted lines in Fig.
80 4, moving the cranks *i* to the position shown in dotted lines in Fig. 5, thereby releasing the links *v* from the cranks and permitting the jaws to be swung apart until the hooks *e*
85 clear the eyes or loops *f*. The jaws are then placed one at each side of the material to be clamped with the hinge members *e* and *f* in engagement and the lever *p* thrown to the position illustrated in full lines in Fig. 3.

What I claim is as follows:—

90 1. A fence stretching clamp comprising a pair of plank-like members, a series of oscillatory devices of U-form carried by one of the members and each having one leg in crank form; a bar operatively connected to the other leg of each of the said devices, and means carried by the other clamp member and including a series of links adapted to be engaged by the said cranks, and means for
100 reciprocating the bar.

2. A fence stretching clamp comprising a pair of plank-like members, a series of oscillatory devices of U-form carried by one of the members and each having one leg in crank form; a bar operatively connected to the other leg of each of the said devices, and means carried by the other clamp member and including a series of links adapted to be engaged by the said cranks, and means for
105 reciprocating the bar consisting of a lever fulcrumed to the first mentioned clamp member and pivotally connected to the bar.
110

3. A fence stretching clamp comprising a pair of plank-like members, a plurality of hooks mounted upon one of the members, a bar of U-form embracing the other clamping member and presenting at opposite ends
5 an eye and a hook, the eye being adapted to be engaged by the first mentioned hook, a series of links engaging the last mentioned hooks, a series of cranks mounted upon the
10 first mentioned clamping member and adapted to engage the said links and coact there-

with in exerting clamping force upon the said clamping members; and means for operating the said cranks simultaneously.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

JOB WALLACE TAYLOR.

Witnesses:

WILLIAM P. McFERT,
FRED J. SEARS.

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