

(No Model.)

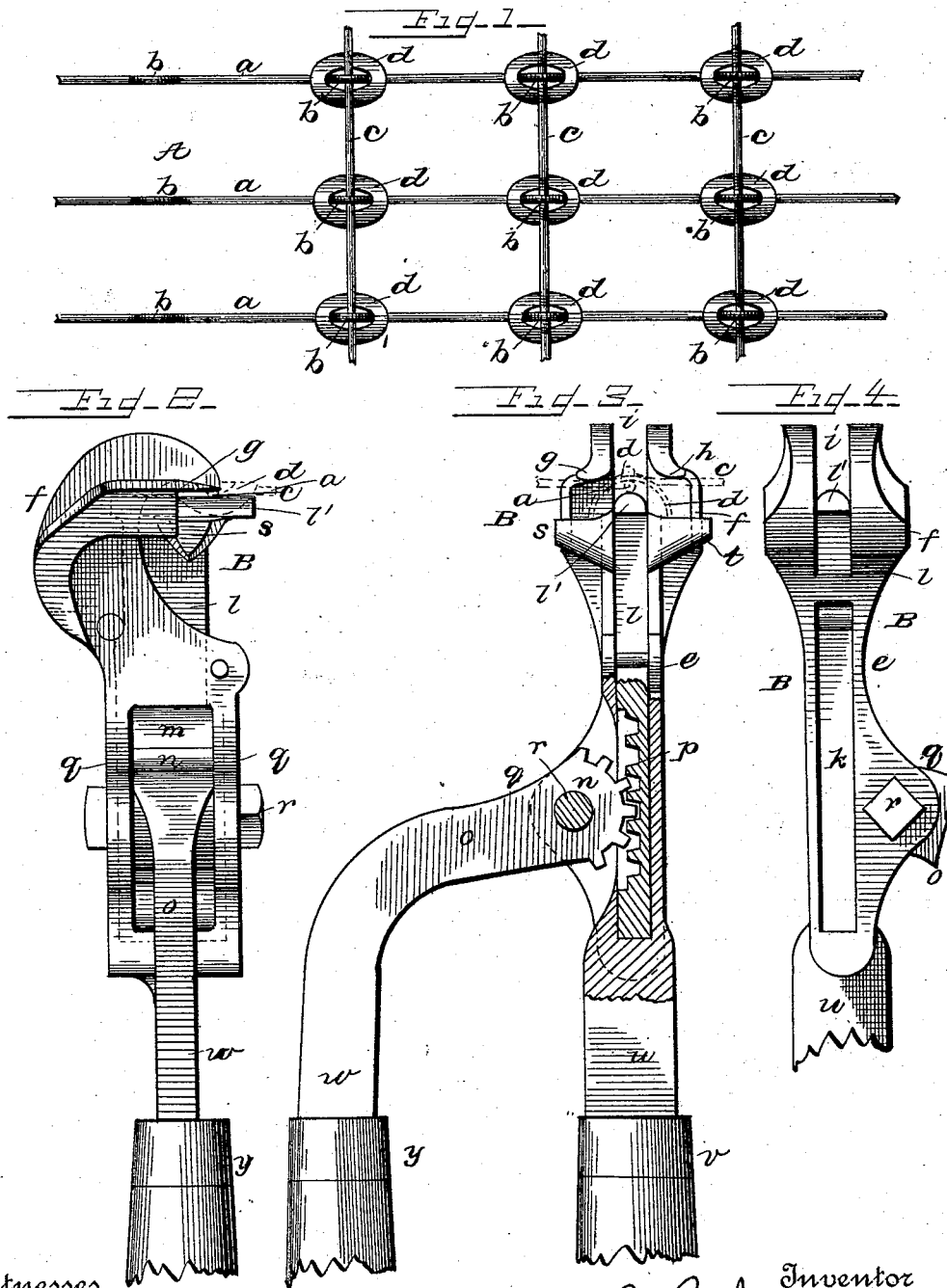
J. D. JONES, Dec'd.

A. C. JEWETT, Executrix.

TOOL FOR JOINING WIRE FENCE STRANDS.

No. 455,869.

Patented July 14, 1891.



Witnesses

E. A. Taubenschmidt,
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UNITED STATES PATENT OFFICE.

ALDARILLA C. JEWETT, OF CLEVELAND, (EXECUTRIX OF JAMES D. JONES, DECEASED,) ASSIGNOR TO THE JONES NATIONAL FENCE COMPANY, OF COLUMBUS, OHIO.

TOOL FOR JOINING WIRE-FENCE STRANDS.

SPECIFICATION forming part of Letters Patent No. 455,869, dated July 14, 1891.

Application filed March 18, 1891. Serial No. 385,496. (No model.)

To all whom it may concern:

Be it known that JAMES D. JONES, deceased, formerly a citizen of the United States, residing at Columbiana, in the county of Columbiana and State of Ohio, did invent certain new and useful Improvements in Tools for Joining Wire-Fence Strands; and I, ALDARILLA C. JEWETT, of Cleveland, Ohio, executrix of said JAMES D. JONES, deceased, do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to wire fences, and has for its object the construction of a crimper for bending or crimping the wire and setting or pressing the clamps upon the wires.

The invention will be hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, which form part of this specification, Figure 1 represents a side elevation of a section of wire fence; Fig. 2, a side view of the crimper with the wires and a clamp indicated in dotted lines; Fig. 3, a face elevation, partly in section; and Fig. 4, a rear elevation of the same.

Reference being had to the drawings and the letters thereon, A indicates a section of wire fence made of horizontal wires *a*, having bends or crimps *b*, vertical wires *c*, and clamps *d*, which engage the wires.

B indicates the crimper, which consists of a body *e*, having a head *f*, provided with jaws or seats *g h*, a slot *i* between the jaws, which in practice passes over the vertical wire, a slot *k* in which a bar *l* moves, a slot *m* for the insertion of the toothed sector *n* of the lever *o*, which engages the rack *p* on the bar *l* for moving the bar to bend the wire and set the clamps.

On each side of the body *e* is a lug *q*, to which the lever *o* is fulcrumed by the bolt *r* and on the front end of the bar *l* is a rounded projection *v* and laterally-extending arms *s t*, which are in a plane coincident with the jaws *g h* and operate to bend the wires and set the clamps.

The rear end of the body *e* is provided with

a shank *u* which enters a handle *v* and the shank *w* on the lever *o* enters a handle *y*, by which leverage is obtained to work the crimper.

In erecting a fence of the construction shown the horizontal wires *a* are spaced at suitable distances and marked with a piece of chalk at the point where the vertical wires *c* are to be applied. The crimper B is then applied to the horizontal wire and the bends or crimps *b* formed. The clamp *d* is then applied, one over each crimp, and the vertical wire pushed through between the crimps and the clamps. The crimper is then applied and the wires and clamp seized, as shown in Figs. 2 and 3, and the clamp pressed gently upon the crossed wires until they are firmly locked.

The invention having been thus fully described, what I claim is—

1. A crimper for wire fences, consisting of a body having a head with jaws or seats and a slot between said jaws, in combination with a movable bar having a projection for crimping the wire, and suitable means for operating the bar, substantially as described.

2. A crimper for wire fences, consisting of a body having a head with jaws or seats and a slot between said jaws, a slot in the body, and a bar having a projection and laterally-extending arms at its front end, in combination with a lever having a toothed sector to engage a rack on said bar, substantially as described.

3. A crimper for wire fences, consisting of a body having a head with jaws or seats, a slot in the body, and a bar having a projection and laterally-extending arms at its front end, in combination with a lever fulcrumed to the body and having a toothed sector to engage a rack on said bar, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

ALDARILLA C. JEWETT,
Executrix of the last will and testament of
James D. Jones, deceased.

Witnesses:

P. G. KASSULKER,
CHAS. A. WOOD.