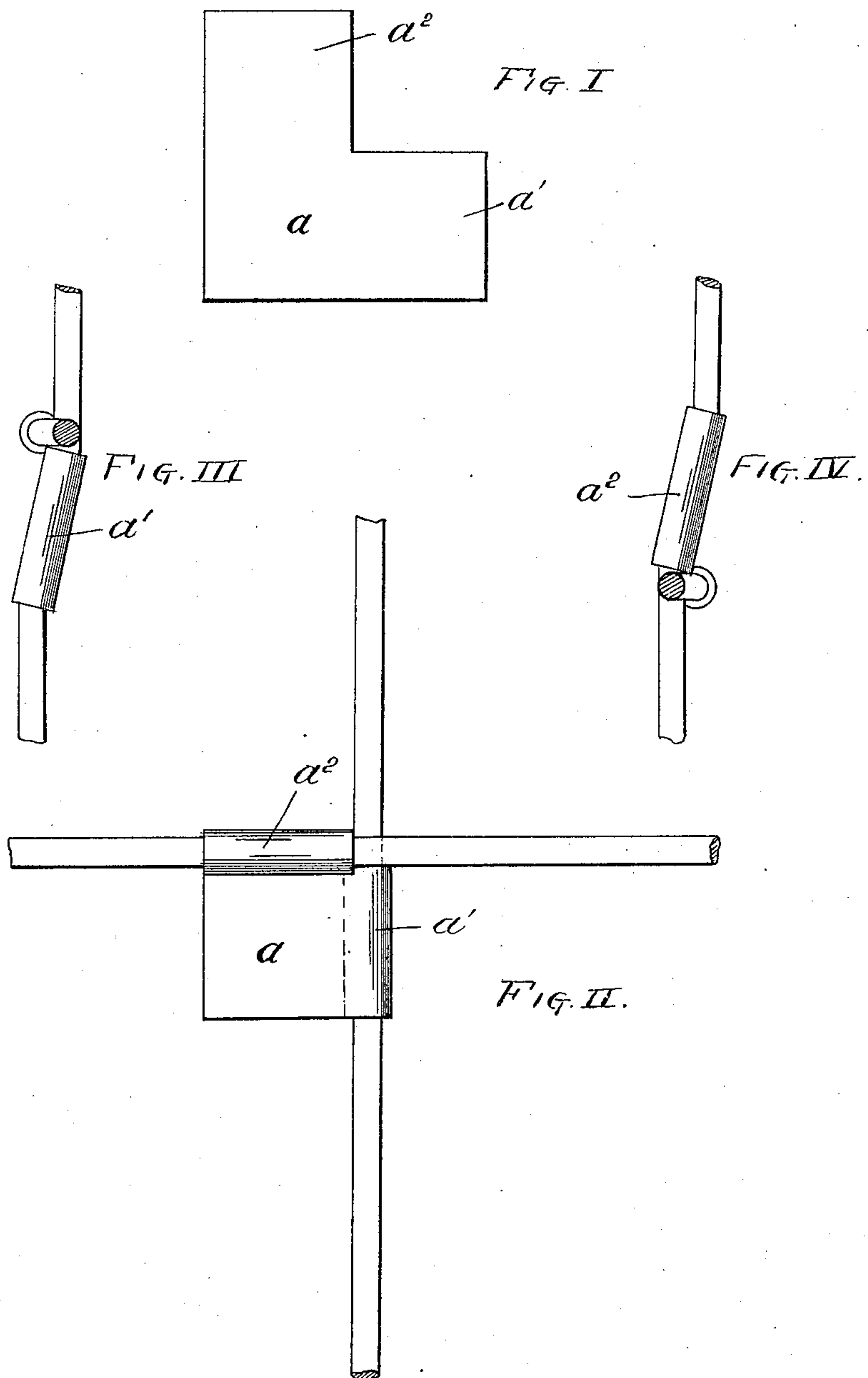


No. 615,651.

Patented Dec. 6, 1898.

J. HARRIS.
WIRE FENCE JOINT.
(Application filed Oct. 7, 1898.)

(No Model.)



WITNESSES:

A. C. Merrill
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INVENTOR

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UNITED STATES PATENT OFFICE.

JONATHAN HARRIS, OF CLEVELAND, OHIO, ASSIGNOR TO MAX W. BOLEY,
OF SAME PLACE.

WIRE-FENCE JOINT.

SPECIFICATION forming part of Letters Patent No. 615,651, dated December 6, 1898.

Application filed October 7, 1898. Serial No. 692,964. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN HARRIS, a citizen of the United States, and a resident of Cleveland, county of Cuyahoga, and State of Ohio, have invented a new and useful Improvement in Wire-Fence Joints, of which the following is a specification, the principle of the invention being herein explained and the best mode in which I have contemplated applying that principle, so as to distinguish it from other inventions.

The annexed drawings and the following description set forth in detail certain mechanism embodying the invention, such disclosed means constituting but one of various mechanical forms in which the principle of the invention may be used.

In said annexed drawings, Figure I represents a plan view of the clamp-blank of my improved wire-fence joint. Fig. II represents a front view of the joint complete. Fig. III represents a right-hand end view, and Fig. IV represents a top view of same.

My said joint consists of the usual crossed wires of the fence, secured at and near the crossing-point by my improved clamp. In manufacturing my said clamps I form the blank from a rectangular metal sheet by cutting from one corner a rectangular portion, forming thereby two lateral projections a' and a'' upon the body portion a . In securing the clamp to the crossed wires the said body portion is placed in one of the angles of the joint and one of said projections bent upon the contiguous wire forming one side of said angle. The other projection is then bent in the opposite direction upon the contiguous wire forming the other side of the same angle, thereby binding the two wires securely together.

In order to prevent the slipping of the two wires, I bend each wire at each side of its respective loop and in opposite directions, as is shown in Figs. III and IV, thereby effectually

preventing any movement of the said wires relatively to each other and the clamp. In this manner a very simple and durable joint is made, the loops extending to the apex of the angle, and therefore having a maximum amount of contact.

Other modes of applying the principle of my invention may be employed instead of the one explained, change being made as regards the mechanism herein disclosed, provided the means covered by any one of the following claims be employed.

I therefore particularly point out and distinctly claim as my invention—

1. A wire-fence joint comprising the combination with crossed wires, of a clamp consisting of a metal plate provided with two lateral projections, said projections being bent around the wires forming the sides of the same angle of the joint and forming two engaging loops, the body of said clamp occupying but one angle of said joint, substantially as set forth.

2. A wire-fence joint comprising the combination with crossed wires, of a clamp consisting of a metal plate provided with two lateral projections, said projections being bent around the wire forming the sides of the same angle of the joint and in opposite direction, and forming two loops, said loops extending to the apex of the said angle, substantially as set forth.

3. A wire-fence joint comprising the combination with crossed wires, of a clamp occupying but one angle of the joint, each wire being bent once on each side of its respective loop and in opposite directions respectively, substantially as set forth.

Signed by me this 1st day of October, 1898.

JONATHAN ^{his} × HARRIS.
mark

Attest:

WILLIAM HARRIS,
D. T. DAVIES.