

(No Model.)

S. T. RENNECKAR.
BINDER FOR CORN FODDER.

No. 405,803.

Patented June 25, 1889.

Fig. 1.

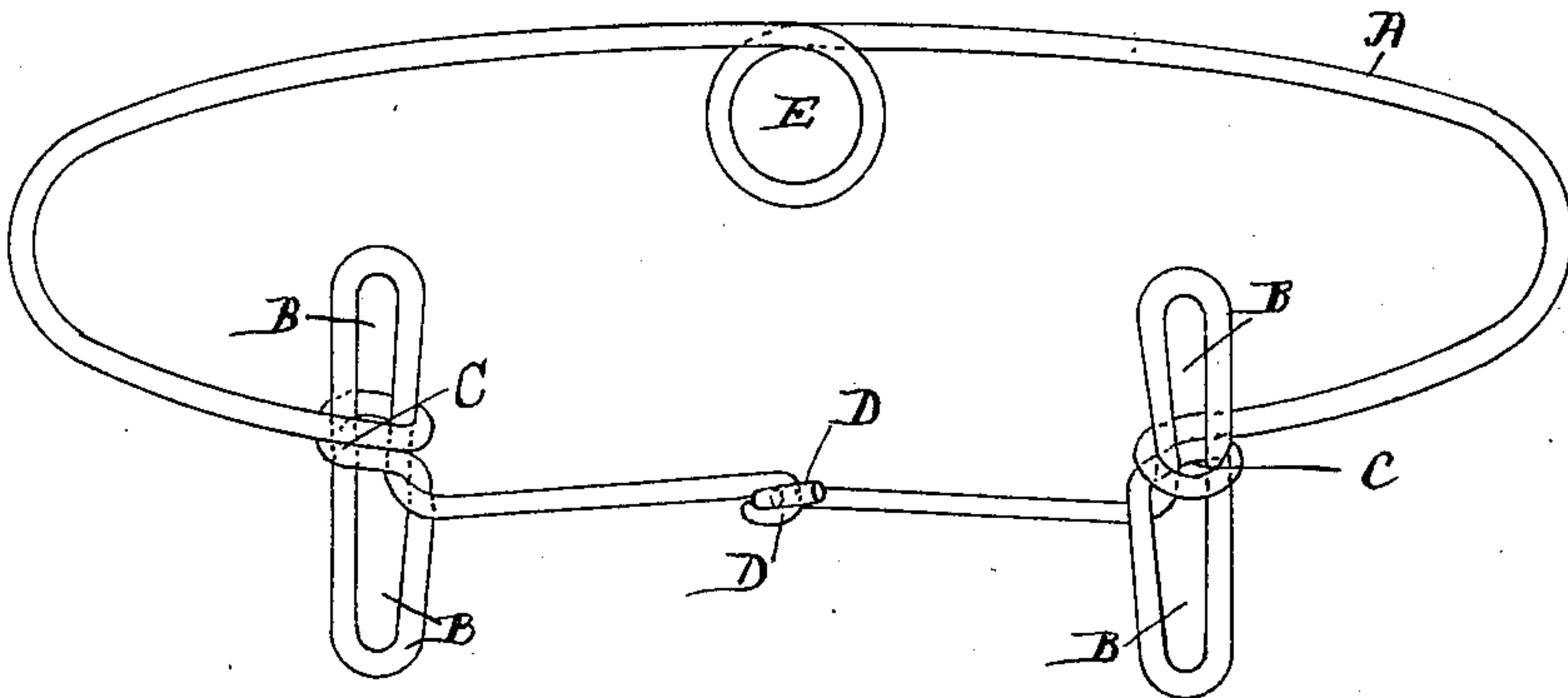


Fig. 3.

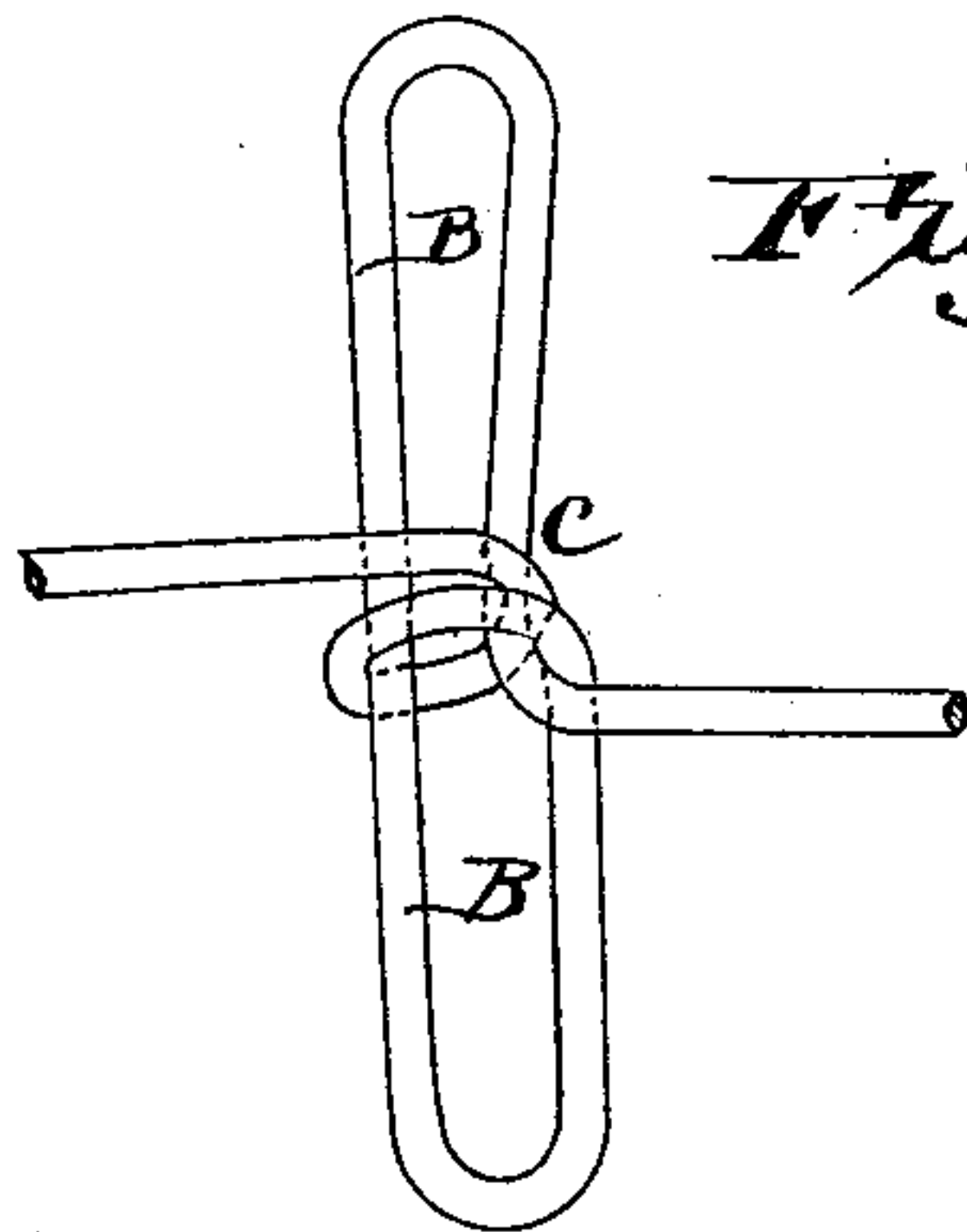
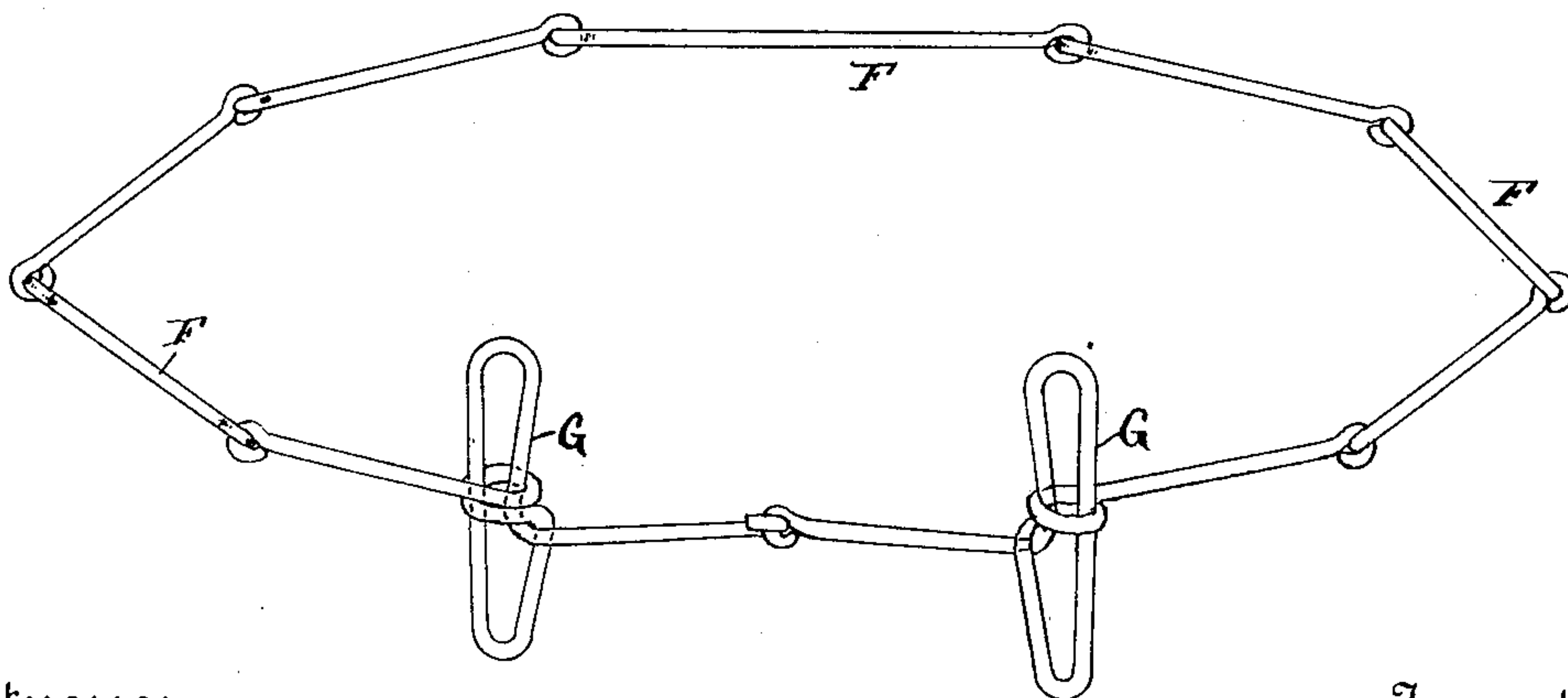


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL THOMAS RENNECKAR, OF NEW CUMBERLAND, OHIO.

BINDER FOR CORN-FODDER.

SPECIFICATION forming part of Letters Patent No. 405,803, dated June 25, 1889.

Application filed December 18, 1888. Serial No. 294,019. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL THOMAS RENNECKAR, a citizen of the United States, residing at New Cumberland, in the county of Tuscarawas and State of Ohio, have invented a new and useful Improvement in Binders for Corn-Fodder, of which the following is a specification.

My invention relates to an improvement in binders for corn-fodder; and it consists in a wire provided with hooks and hand-holds, whereby the wire may be stretched around a bundle or shock of fodder and secured on the same, as will be more fully set forth hereinafter, and particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a binder embodying my improvements. Fig. 2 is a similar view of a modified form of the same. Fig. 3 is an enlarged detail view illustrating the manner of bending the wire to form a hand-hold.

A wire of suitable length and diameter is doubled at a suitable distance from each end to form loops B, which project in opposite directions and are arranged at right angles to the wire to form two hand-holds. The wire is then bent around the inner ends of the loops in the form of a ring C, to prevent them from straightening out under tension. At the ends of the wire are formed hooks D.

In using the binder the operator grasps the hand-holds and draws the wire around the bundle or shock of fodder and engages the hooks D with each other to secure the wire binder thereon; or, if the diameter of the shock or bundle is not sufficiently great to admit of the hooks being held engaged together, one of the hooks is engaged with the opposite loop or hand-hold, as will be readily understood.

If the binder is too long, the same may be

shortened by bending it to form one or more loops E, as shown.

In Fig. 2 I illustrate a modified form of my invention, in which the binder is formed of a series of links F, having hooks at their ends to engage each other and admit of the binder being shortened or lengthened, as may be required. Two of the links are provided also with hand-holds G, which are made by bending the wire in the manner before described.

A binder thus constructed is very cheap, is exceedingly strong and durable, will not be injured by rain or snow, and will not become detached and permit the bundle or shock to fall to pieces.

In order to render the wire binder impervious to the weather, the same should be galvanized in the usual well-known manner.

Having thus described my invention, I claim—

1. As a new article of manufacture, a binder for corn-fodder, the same being made of wire bent at its ends to form hooks adapted to engage with each other, and intermediate its ends to form hand-holds consisting of lateral loops projecting at substantially right angles from the wire, substantially as described.

2. As a new article of manufacture, a wire binder provided at its ends with hooks and at a suitable distance from each end bent to form loops B, projecting in opposite directions and at right angles to the wire, and also bent to form the rings C, encircling said loops, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

SAMUEL THOMAS RENNECKAR.

Witnesses:

GEORGE B. SPARKS,
JORDAN H. BANKS.