

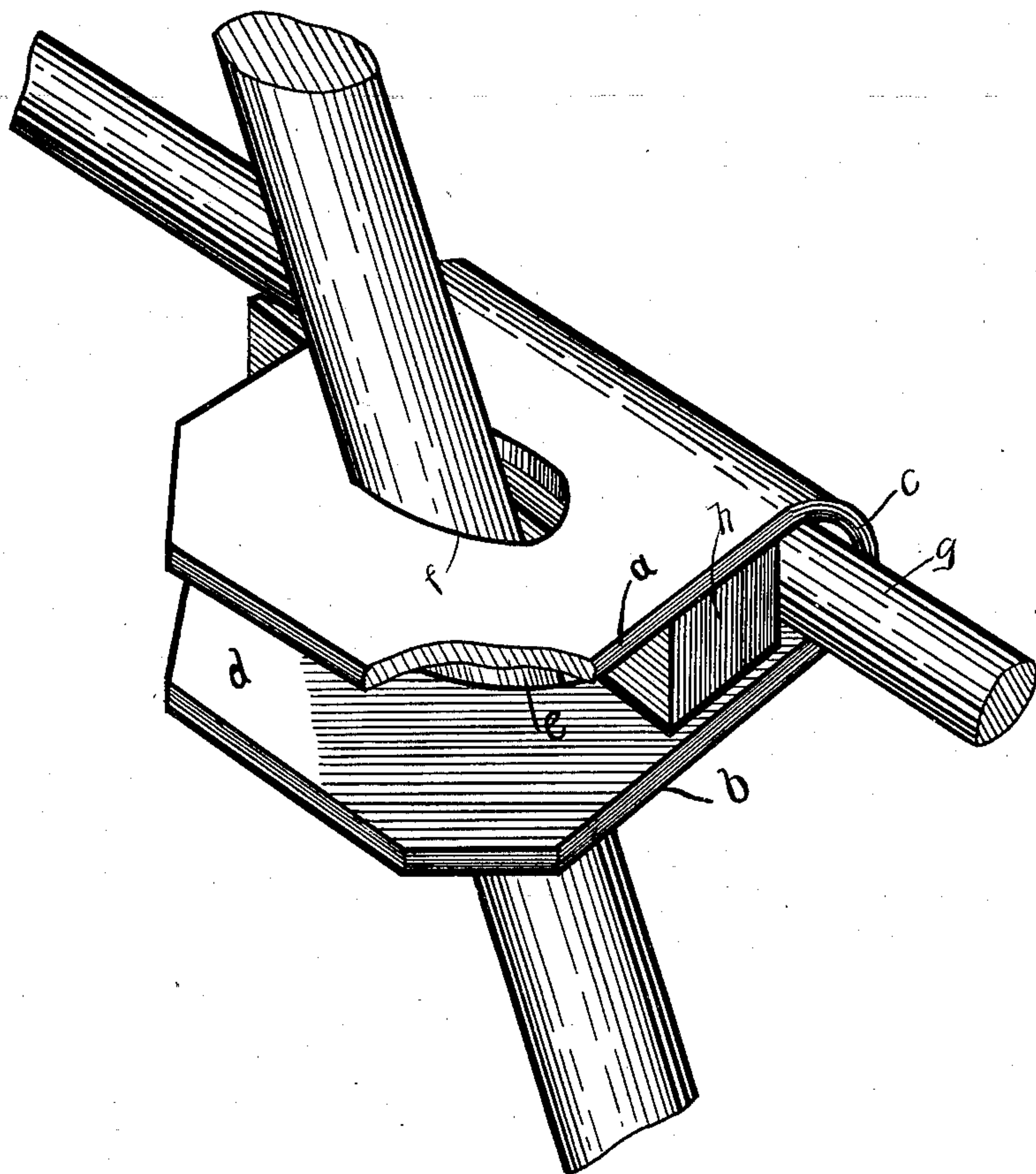
No. 628,450.

Patented July 11, 1899.

G. H. CHANDLEE.
WIRE FENCE.

(Application filed Mar. 3, 1899.)

No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE H. CHANDLEE, OF WASHINGTON, DISTRICT OF COLUMBIA.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 628,450, dated July 11, 1899.

Application filed March 3, 1899. Serial No. 707,638. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. CHANDLEE, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Wire Fences; and I 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.

My invention relates to fences in general, and more particularly to wire fences, and has for its object to provide a cheap and efficient lock for the crossing wires in what is known as a "stay-fence," and one which will be simple in its construction and operation and in the application of which no complicated tools are necessary.

In the drawings I have shown a perspective view of a lock constructed in accordance with my invention and acting to hold portions of a stay-wire and a strand-wire in mutual relation.

In operating in accordance with my invention I erect a number of strand-wires, to which the stay-wires are applied, as well known. The lock employed by me consists of a U-shaped block comprising legs *a* and *b* and a connecting-web *c*, the legs lying one above the other, as shown. In the legs *a* and *b*, which are separated by a slot *d*, are formed openings *e* and *f*. In practice this lock is applied in such a manner that a strand-wire *g* will lie within the slot between the legs of the block and against the web thereof. A stay-wire is then passed through the openings in the legs of the block and finally a wedge *h* is driven or forced between the two wires and within the slot of the block. This wedge forces the strand-wire against the web of the lock and forces the stay against the edges of the openings in the legs of the block, the wedge itself sinking into the stay-wire and cutting into the strand-wire. It will of course be understood that a wedge of any size and length may be used that will secure the proper wedging action.

It will be noted that the openings in the legs of the block are elongated transversely of the

block, thus enabling the placing of the stay-wire at an angle to the faces of the legs, so that the stay may be placed vertically when it becomes necessary to slant the strand-wires on the side of a hill.

It will be readily understood that I may vary the specific construction and arrangement herein shown and described, and that I may form the openings in the legs of the block with any desired outline without departing from the spirit of my invention.

Having thus described my invention, what I claim is—

1. In a wire fence, the combination with a strand-wire and a stay-wire, of a lock comprising legs having a connecting-web and separated by a slot, said legs having openings therein, one of said wires lying in the slot between the legs of the lock and the other wire lying in the openings in the legs of the lock, and a wedge driven in engagement with the wires between the legs of the lock and in the slot thereof.

2. In a wire fence, the combination with a strand-wire and a stay-wire, of a lock comprising legs having a connecting-web and separated by a slot, said legs having openings therein elongated transversely of the legs, one of said wires lying in the slot of the lock, the other wire lying in the openings in the legs of the lock, and a wedge driven through the slot between the legs of the lock and engaging the wires.

3. In a wire fence, the combination with a strand-wire and a stay-wire, of a lock comprising legs having a continuous connecting-web, said legs being separated by a slot and having openings therein, one of said wires lying in the slot of the lock, the other wire lying in the openings of the legs of the lock and a wedge driven in said slot and engaging the wires.

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

GEORGE H. CHANDLEE.

Witnesses:

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