

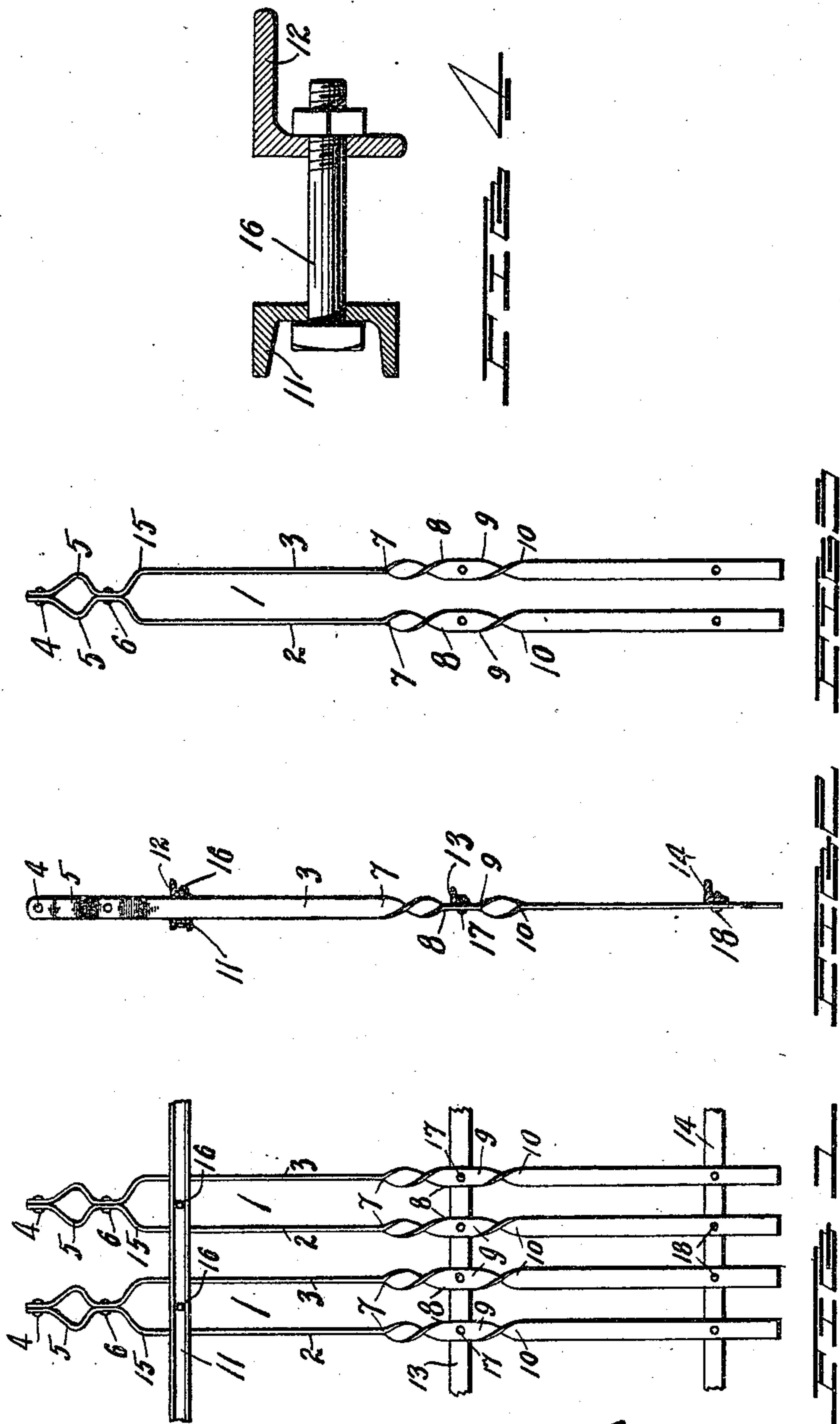
S. HOHULIN.

FENCE.

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975,428.

Patented Nov. 15, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

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FENCE.

975,428.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, SAMUEL HOHULIN, a citizen of the United States, residing at Goodfield, in the county of Woodford, in the State of Illinois, have invented certain new and useful Improvements in Fences, of which the following is a specification.

This invention has reference to a steel picket lawn fence, and has for its object to provide such a fence that will be both ornamental and serviceable; and with a more particular object of providing for use in the country a fence that will keep pigs, chickens, etc., out of the yard and at the same time present an attractive appearance.

For a more complete and thorough understanding of the details of construction, reference is had to the accompanying drawings, in which:—

Figure 1 is a front elevation of a portion of the fence showing two complete pickets; Fig. 2 is a side view of Fig. 1; Fig. 3 is a front elevation of a single picket detached from the fence, and Fig. 4 is a full sized cross-sectional detail of the channel-iron and upper angle-iron which hold the pickets together.

Like characters of reference indicate corresponding parts throughout the figures.

1 indicates a single complete picket, such as is shown in Fig. 3. Said picket is composed of the two steel bands 2 and 3, said two bands being identical in construction with reference to the number and direction of their bends and twists, and with reference to all other structural details, but with reference to the combination of two such bands in the formation of the single picket 1, said band 2 at certain points being bent in a direction opposite to that in which the band 3 is bent at corresponding points. At the top of the picket 1 the bands 2 and 3 are secured together with their flat sides adjacent by means of a rivet 4. The bands then curve symmetrically downward and away from each other as at 5, then bend back toward each other, and again with their flat faces adjacent are fastened by the rivet 6. This symmetrical bending of the bands 2 and 3 gives to the top of the picket 1 the general resemblance in outline to the shape of a spear-head. Immediately below the point where the rivet 6 secures the two bands together, the said bands again bend away

from each other and then bend downwardly at 15 extending parallel and still with their flat faces toward each other to a point which is preferably approximately half the distance from the top of the picket to the bottom thereof. At this point, designated as 7, each band makes a three-quarters twist ending at the point 8, from which point the bands 2 and 3 again extend downward and parallel to each other for a short distance to the point 9, the edges of the said bands, however, being here toward each other. At the points 9 the bands make a half twist ending at the points 10, from whence the said bands, extend down to the ground, remaining parallel and with their edges toward each other throughout the entire distance. Thus it will be seen that while in the lower half of the picket the flat side of the band is parallel to the longitudinal extent of the fence, in this way making the openings in the fence as small as possible, still in the upper half of the fence the openings are made much larger by having the flat faces of the bands at right angles to the extent of the fence.

For the purpose of holding the pickets 1 together, and securing them in the form of a fence a plurality of steel bars or beams are provided, said beams being preferably of sufficient length to support from sixteen to twenty pickets, said beams also to consist preferably of a channel-iron 11 and an angle-iron 12 on opposite sides of the pickets 1 and near the top thereof, also an angle-iron 13 supported approximately midway of the height of said picket and a third angle-iron near the bottom of said picket, said angle-iron beams 12, 13 and 14 being on the same side of the pickets 1. More specifically, see Figs. 1, 2 and 4 the channel-iron beam 11 and the angle iron beams 12 are securely fixed to opposite sides of the pickets 1, at a short distance below the point 15, said beams 11 and 12 gripping the edges of the bands 2 and 3 and being held thus by bolts 16, one of which passes through the beams 11 and 12 locking the same together midway between the bands 2 and 3 of each picket 1. The angle-iron beam 13 is securely riveted to the flat face of each band 2 and 3 of each picket midway between the points 8 and 9 by rivets 17, while angle-iron beam 14 is securely riveted to the flat face of the

bands 2 and 3 of each picket at a short distance from the bottom of said picket, by rivets 18.

Having thus fully described my invention, what I claim, is:—

1. In a fence, a picket comprising two flat metal bands, said bands being secured together at their upper ends with their flat faces in contact, and being bent in such a manner as to give to the upper end of the said picket in general outline the shape of a spear-head, each of said bands having approximately midway between the ends thereof, a three-quarters twist and having spaced therefrom by a short flat extent of the said band a half twist therein.

2. In a fence, a picket comprising two flat metal bands, said bands being secured together near the upper ends thereof with their flat faces in contact, and throughout the remainder of their extent being spaced apart, each of said bands being so twisted near the mid-point thereof that in the upper half of the said picket the bands lie with their flat faces adjacent while in the lower half of said picket the edges of said bands are adjacent.

3. In a fence, in combination, a plurality of pickets, each of said pickets comprising two flat metal bands, said bands having their upper ends riveted together with their flat faces in contact, and each of said bands being so bent near the upper end thereof that the general outline of the top of said pickets resembles the shape of a spear head, and each of said bands having near the mid-point thereof a three-quarters twist, said twist having a half-twist spaced therefrom by a short flat extent of said band, transverse metal beams for holding said pickets in the form of a fence, said beams consisting of a channel-beam and an angle-iron beam secured on opposite sides of said pickets near the upper ends thereof, an angle-iron beam secured to the pickets between the aforesaid three-quarters and half-twists, and an angle-iron beam secured to the pickets near the lower end thereof.

4. In a fence, in combination, a plurality of pickets, each of said pickets comprising two flat metal bands, said bands being secured together near the upper ends thereof with their flat faces in contact, and throughout the remainder of their extent being spaced apart, each of said bands being so twisted near the mid-point thereof that in the upper half of the said picket the bands lie with their flat faces adjacent, while in the lower half of said pickets the edges of said bands are adjacent, transverse metal beams for holding said pickets in the form of a fence, said beams consisting of a channel-beam and an angle-iron beam secured on opposite sides of said pickets near the upper ends thereof, an angle-iron beam secured to the pickets near the mid-points thereof and another angle-iron beam secured to the pickets near the lower ends thereof.

5. In a fence picket, in combination, two identically formed flat metal bands, means at the upper end of each of said bands for securing the same together with the flat face of one band in contact with the flat face of the other of said bands, bends below the points of contact of said bands for spacing the bands apart, from which bends each of the bands extends downwardly with the flat face of one band adjacent the flat face of the other band to approximately the mid-point thereof, a three-quarters twist in each of said bands at approximately the said mid-point, a short untwisted extent in each band below the said three-quarters twist, a half-twist below said untwisted portion, from which point each of said bands lies with its edge adjacent and parallel to the edge of the other band, throughout approximately the lower half of said picket.

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

SAMUEL HOHULIN.

Witnesses:

GEORGE L. ZIMMERMANN,
BENJ. WITZIG.