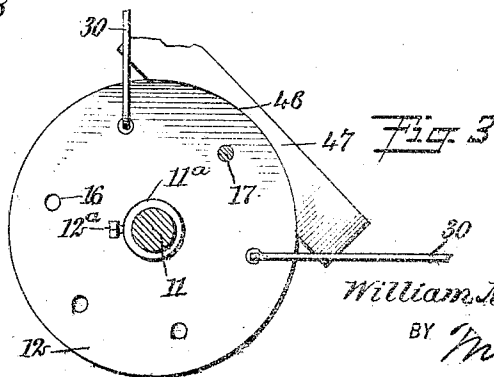
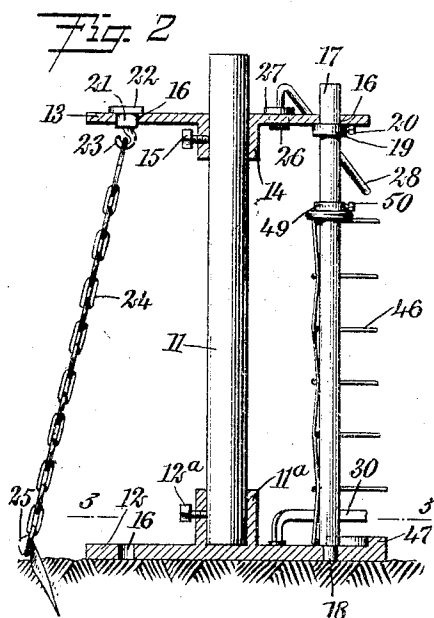
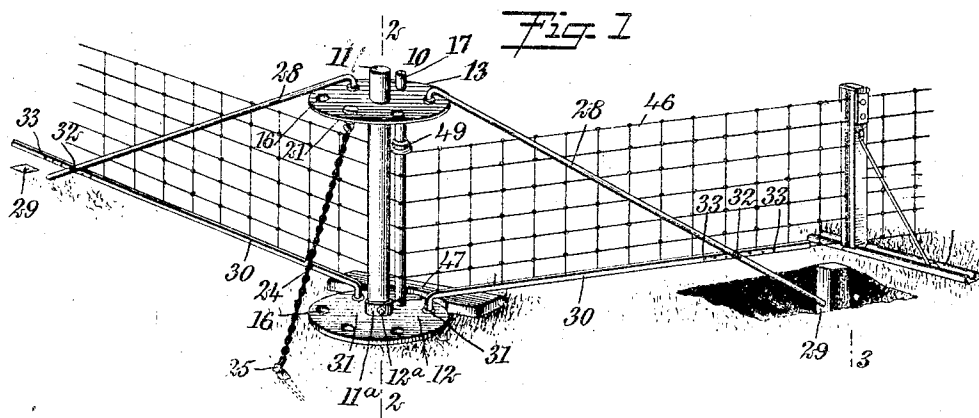


W. M. RANKIN.
FENCE CONSTRUCTION.
APPLICATION FILED NOV. 7, 1908.

931,486.

Patented Aug. 17, 1909.



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FENCE CONSTRUCTION.

No. 931,486.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed November 7, 1908. Serial No. 461,479.

To all whom it may concern:

Be it known that I, WILLIAM M. RANKIN, a citizen of the United States, and a resident of Carbondale, in the county of Garfield and State of Colorado, have invented a new and Improved Fence Construction, of which the following is a full, clear, and exact description.

This invention relates to fence construction for use on farms, ranches and the like, and more particularly to a construction of the class described in which the fence proper consists of woven wire, barb wire or the like, supported by corner posts of special construction and upon line posts also of special construction which permit the fence to be easily set up and taken down, arranged to form corrals, paddocks, sheep runs, cattle yards or similar constructions, the corner posts having rotatable uprights around which the fence wire can move while it is being stretched into place, and the line posts serving to clamp the fence wire in position.

The object of the invention is to provide a simple, inexpensive and durable fence construction which permits the fence to be set up and taken down expeditiously and with little labor, which is capable of different arrangements for different purposes and which is sufficiently strong to adapt it for the purpose of confining cattle or other animals of larger size.

A further object of the invention is to provide a fence construction which does not necessitate the digging of post holes, as the posts are supported upon the surface of the ground, which leaves no dangerous or unsightly openings or depressions in the ground after being taken down, and in which the fence wire is kept in good condition and is in no way injured from being put up or taken down.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view showing a corner of an embodiment of my invention including a corner post and a line post; Fig.

2 is a longitudinal section on the line 2—2 of Fig. 1; and Fig. 3 is a transverse section on the line 3—3 of Fig. 2.

Before proceeding to a more detailed explanation of my invention, it should be clearly understood that the fence construction can be easily set up and taken down, so that it can be moved from place to place if it is not desired to locate it permanently as is the case with ordinary fences.

On ranches and farms it is sometimes necessary to form temporary barriers, for example, to build a temporary corral or paddock for the handling of stock, or to fence a certain patch of grain, hay or other produce for a short period. For these purposes my fence construction is especially well adapted. Furthermore, the posts are so formed that it is not necessary to dig post holes or to drive the posts into the ground, and consequently when the fence is taken down after being set up temporarily, there is no necessity for filling up unsightly or dangerous openings in the ground. I avoid the necessity of digging post holes by providing suitable flat faces for the posts, which rest securely upon the surface of the ground, the posts being properly braced or guyed so that for all practical purposes they are as strong and serviceable as the ordinary fence posts.

Referring more particularly to the drawings, I provide corner posts 10, each of which includes a column 11 mounted upon a base plate 12, having a socket 11^a in which the column is secured by a set screw 12^a. The plate may be of any suitable form, for example, as shown most clearly in Fig. 1, round, and is adapted to rest flat upon the surface of the ground. A top plate 13, similar in form to the base plate and provided with a substantially central collar or sleeve 14, is mounted by means of the latter upon the column. The top plate is adjustable and can be secured in any one of a plurality of positions longitudinally of the column, by means of a set screw 15 or the like. The plates near their peripheries have series of openings 16 therethrough for purposes which will appear more clearly hereinafter. By suitably adjusting the top plate, the openings 16 can be brought to register.

Each of the corner posts includes an upright 17, having a lower constricted end 18, adapted to fit rotatably in one of the open-

ings 16 of the base plate 12, the upper part of the upright extending through a registering opening 16 in the top plate 13. The upright has an adjustable collar 19, adapted to be secured in a plurality of positions, by means of a set screw 20. The collar can be arranged adjacent to the under side of the top plate to limit the movement of the upright in the direction of its length.

19 The top plate carries a member 21, adapted to be arranged in one of the openings 16 opposite to the opening 16 which receives the upright, and provided with a flange 22 formed to rest at the upper face of the top plate. The member 21 has a hook 23 which carries the end of a flexible guy member 24 consisting for example, of a chain. The lower end of the guy member is secured to a peg 25, adapted to be driven into the ground to brace the corner post at the side remote from the upright. Members 26 similar to the members 21 and having flanges 27 adapted to engage the top plate, are arranged in openings 16 at each side of the upright. Inclined braces 28 having the upper ends laterally disposed and rigidly secured to the members 26, extend downwardly from the top plate to the ground, having their lower ends secured to blocks 29 buried in the ground near the surface thereof. The braces 28 are extended respectively in the directions of the fence lines, which start at the corner post, and thus brace the corner post against the strain due to the fence lines, in the direction of their lengths. I provide horizontal braces 30, having the ends adjacent to the corner posts downwardly disposed and provided with extensions 31, adapted to fit in openings 16 of the base plate, at each side of the upright. The horizontal braces are extended in the directions of the lines of the fence and cross the inclined braces, to which they are secured by means of suitable pins 32 or the like, being provided with a plurality of openings 33 adapted to receive the pins. A block 47 having a curved cut-away portion 48, is partly embedded in the ground adjacent to each base plate and engages the same at the cut away portion 48. Each upright 17 has an adjustable flanged collar 49 adapted to be secured in place by means of a set screw 50, the collars 49 engaging at the upper strand of the fence wire to hold the same in place.

55 As the uprights 17 of the corner posts constitute rollers the fence wire can easily be passed around the same while it is being stretched into place. It will be understood that suitable fence wire stretching implements are employed for the purpose. When the wire has been suitably stretched it is clamped between the members of the line posts and is thus securely held in place. The provision of the roller uprights prevents the danger of injuring the fence wire in draw-

ing it around a turn, and the line posts constitute efficient grips or holders for the wire after it has been stretched.

Suitable line posts are used with the fence construction intermediate the inner posts, as shown for example in Fig. 1.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent:

1. In fence construction, a corner post comprising a base member adapted to rest upon the surface of the ground, a rotatable upright, fence wire passing freely around the same, and means for bracing said upright in place, whereby it remains free to rotate.

2. In fence construction, a corner post comprising a base member adapted to rest upon the surface of the ground, a column carried by said base member, means for bracing said column, and a rotatable upright spaced from said column, and fence wire passing around said upright.

3. In fence construction, a corner post comprising a base plate adapted to rest upon the ground, a column carried by said base plate, a top plate carried by said column, braces secured to said top plate, and an upright rotatably carried by said base plate and said top plate and adapted to have the fence wire passed around the same.

4. In fence construction, a corner post comprising a base plate adapted to rest upon the ground, a column rigid with said base plate, a top plate adjustably carried by said column, a removable brace engaging said top plate and secured in the ground at a point remote from said base plate, a guy removably secured to said top plate and secured in the ground at a point remote from said base plate, and a removable upright carried by said base plate and said top plate and spaced from said column.

5. In fence construction, a corner post comprising a base plate adapted to rest upon the ground and having a plurality of openings therethrough, a column removably carried by said base plate, a top plate adjustably carried by said column and having a plurality of openings therethrough, an upright rotatably mounted in registering openings of said plates and spaced from said column, inclined braces having the ends removably arranged in openings of said top plate and having the opposite ends secured in the ground, a member removably arranged in another opening of said top plate, a flexible guy secured to said member at one end and having the opposite end secured in the ground, and a block engaging said base plate at the edge thereof, said upright being adapted to have the fence wire passed around the same.

6. In fence construction, a corner post comprising a base plate, a column carried by said base plate, a top plate carried by said column, inclined braces extending from the

ground to said top plate, horizontal braces
extending from said base plate and adjust-
ably secured to said inclined braces, and a
rotatable upright carried by said plates and
spaced from said column, said upright being
adapted to have the fence wire passed around
the same.

7. In fence construction, a base plate
adapted to rest upon the ground and having
openings therethrough, a column carried by
said base plate, a top plate adjustably
mounted upon said column and having open-
ings therethrough, an upright having the
ends rotatably mounted in openings of said
plates and spaced from said column, said up-
right being adapted to have the fence wire
passed around the same and being provided
with an adjustable collar adapted to engage
an upper strand of the fence wire, inclined

braces having the lower ends secured in the
ground, and having the upper ends provided
with extensions adapted to fit removably in
openings of said top plate, horizontal braces
having laterally disposed ends adapted to be
removably arranged in openings of said base
plate, said horizontal braces and said in-
clined braces crossing and being secured re-
movably together, and a guy removably se-
cured to said top plate and adapted to have
its end fastened in the ground.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

WILLIAM M. RANKIN.

Witnesses:

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