

Nov. 17, 1931.

N. S. HARTER

1,831,908

FENCE WIRE FABRIC

Filed Sept. 9, 1929

Fig. 1

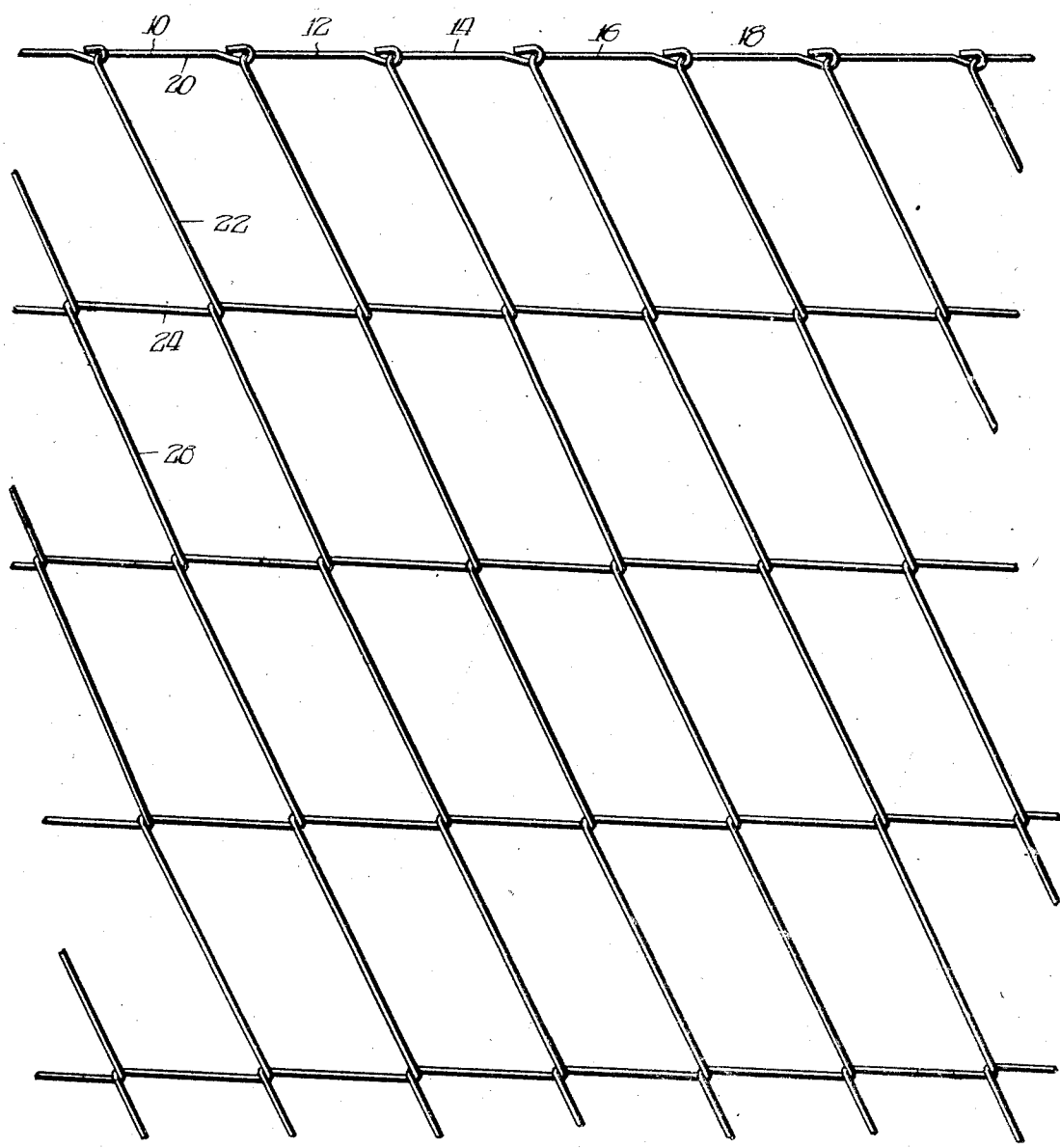
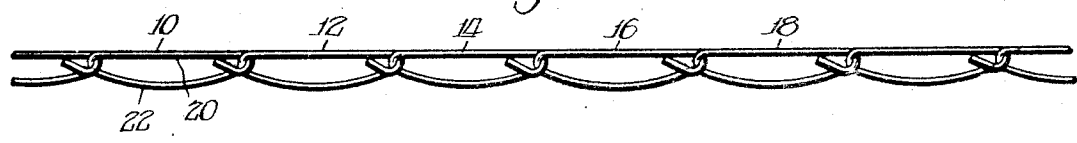


Fig. 2



Inventor
Noah S. Harter
By *Uina & Rader*
Attys

UNITED STATES PATENT OFFICE

NOAH S. HARTER, OF WAUKEGAN, ILLINOIS

FENCE WIRE FABRIC

Application filed September 9, 1929. Serial No. 391,364.

This invention relates to a new and improved chain link wire fabric and may be considered as associated in some respects with the novel fabric disclosed in my Patent

5 No. 1,759,256, granted May 20, 1930.

The fabric disclosed in this patent is particularly designed to resist deformation under strain lengthwise of the fabric, and is of a certain triangular-like construction. The

10 present invention has for an important object the provision of a fabric of totally different construction, but likewise adapted to withstand longitudinal strain. Both fabrics consist of individual wires or links extend-

15 ing substantially transversely of the fabric and interlinked with adjacent wires. In my said patent, corresponding portions of the adjacent interlinked wires extend diagonally of the fabric in opposite directions, whereas

20 as a feature of the present invention resides in having the same portions extend diagonally of the fabric in the same direction.

Other objects and features of the invention will become apparent from a reading of the following specification in the light of

25 the accompanying drawings, in which—

Fig. 1 is a front view of a fragment of the fabric constructed according to my invention; and

30 Fig. 2 is a top plan view of the fabric.

As shown in the drawings, the reference numerals 10, 12, 14, 16, etc., indicate a plurality of fence wire strands which extend

35 heightwise or transversely of the fence, but are so shaped as to interlock with one another and give the semblance or appearance of longitudinally extending portions.

Examining more closely for a moment the construction of one of the strands—that indicated by the reference numeral 10, for example—it will be seen that the extremity

40 extends in the lengthwise direction of the fabric for a short distance, after which it is bent through an acute angle to form a diagonally extending portion 22. The portion 22

is in turn bent into an acute angle to form another lengthwise extending portion 24, which is in turn followed by a similarly extending diagonal portion 26, and so on.

In application, all of the strands being

50 alike, they are interlinked or interlocked with one another in such a fashion that the lengthwise extending portions of the strands are approximately alined with one another, giving the appearance of horizontally extend-

55 ing integral strands, and the diagonal portions of the strands extend parallel to one another in the same direction.

Thus it will be seen that the fence comprises a plurality of diagonally extending

60 portions, which are alined with one another to give the appearance of diagonal integral strands, and of horizontally extending portions, which give the appearance of integral

65 longitudinally strands.

The longitudinally extending portions serve to withstand efficiently and instantly any lengthwise strain that is imparted to the fence fabric and prevent distortion of the

70 fabric under severe usage.

Having described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:

1. Chain-link fence wire fabric, consisting of interlocking wire members extending

75 continuously across the fabric, said members each having alternate portions extending diagonally of the fabric and other portions extending lengthwise of the fabric, the diagonal portions of adjacent members all

80 extending in the same direction, said diagonal and lengthwise extending portions immediately adjacent to their points of junction being straight and unbent.

2. Chain-link fence wire fabric consisting of interlocking wire members extending

85 continuously across the fabric, said members each having alternate portions extending diagonally of the fabric and other portions extending

90 lengthwise of the fabric, the diagonal por-

tions of adjacent members all extending in the same direction, the lengthwise extending portions of one wire member being substantially alined with those of adjacent wire members, said diagonal and lengthwise extending portions immediately adjacent to their points of junction being straight and unbent.

Signed at Waukegan, Illinois, this 3rd day
10 of Sept., 1929.

NOAH S. HARTER.

15

20

25

30

35

40

45

50

55

60

65