No. 815,116. PATENTED MAR. 13, 1906.

E. L. PENCE.

BALE TIE.

APPLICATION FILED NOV. 16, 1905.

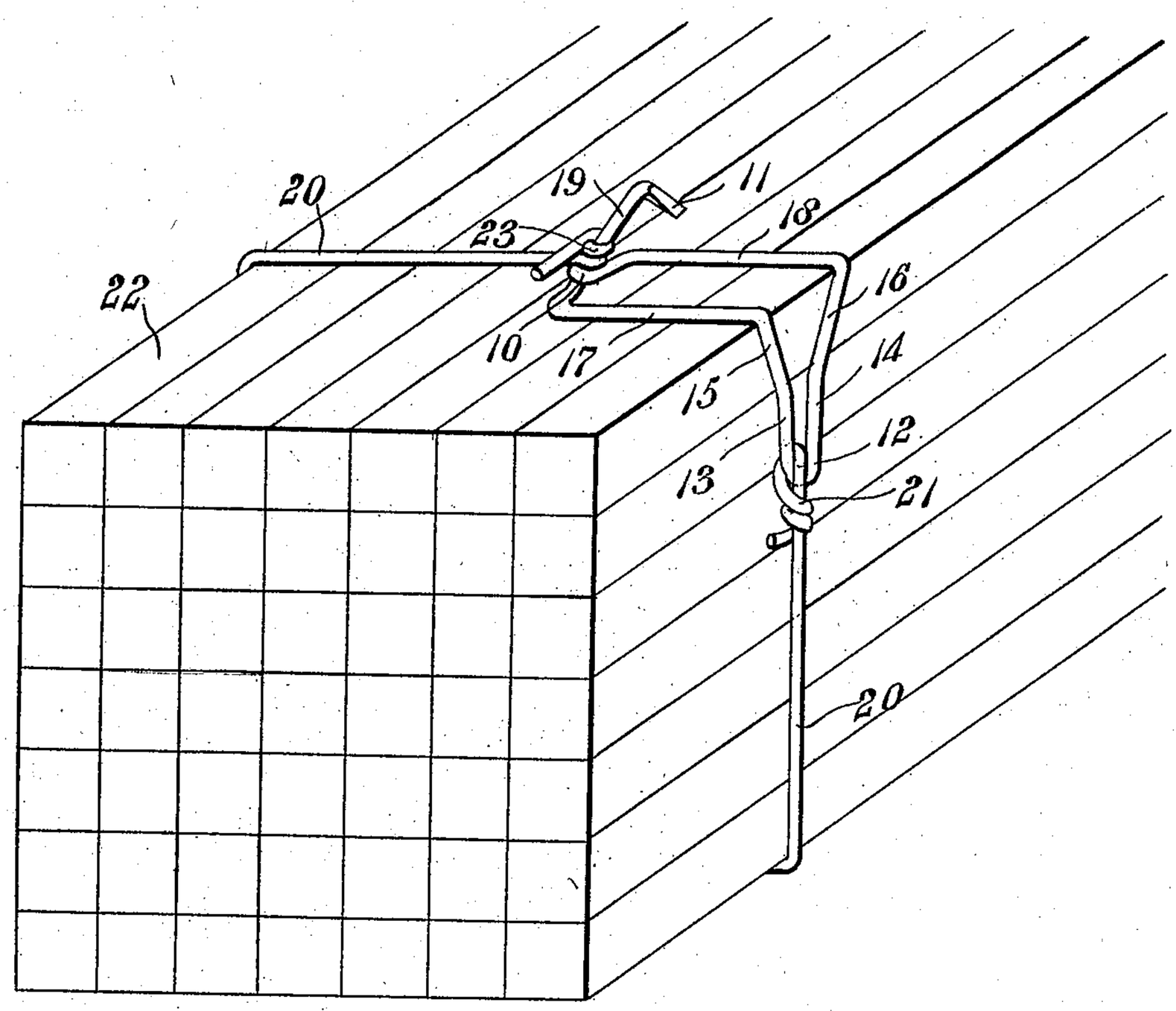

Fig. 1.

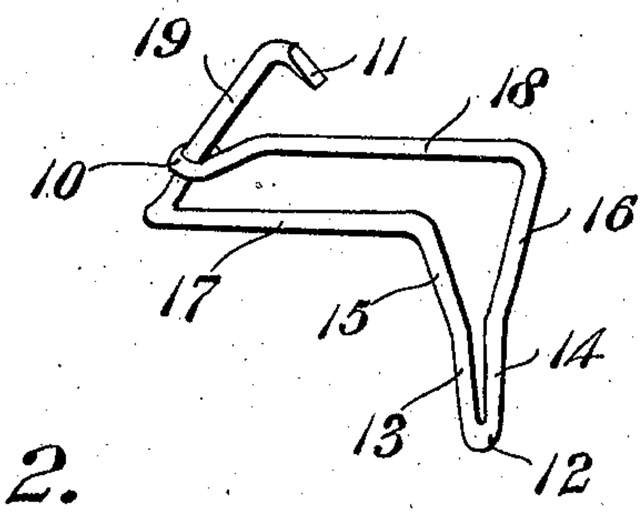

Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

EDWARD L. PENCE, OF MEMPHIS, TENNESSEE, ASSIGNOR TO SOUTHERN BALE TIE COMPANY, OF MEMPHIS, TENNESSEE, A CORPORATION OF TENNESSEE.

BALE-TIE.

No. 815,116. Specification of Letters Patent. Patented March 13, 1906.

Application filed November 16, 1905. Serial No. 287,712.

To all whom it may concern:

Be it known that I, EDWARD L. PENCE, a citizen of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented a new and useful Bale-Tie, of which the following is a specification.

This invention relates to improvements in bale ties and bands, more particularly to devices of this class employed for securing bundles of lumber, laths, shingles, and similar articles, and has for its object to simplify and improve the construction and increase the efficiency of devices of this character.

With these and other objects in view, which will appear as the nature of the invention is better understood, the invention consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that various changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention within the scope of the appended claims.

In the drawings, Figure 1 is a perspective view of the improved device applied. Fig. 2 is a perspective view of one of the improved ties and a section of the accompanying band.

The tie portion of the improved device is constructed from a single piece of wire, having an eye 10 at one end and a spur 11 bent laterally from the other end, the wire being bent upon itself at 12 and the side members thereby formed extended for a distance substantially parallel to each other, as at 13 14, and thence diverging, as at 15 16, and then bent at right angles, as at 17 18, and with the side member having the terminal spur 11 passed through the eye 10 at some distance from the spur to form a tongue 19, the tongue extending over the space between portions 17 18 of the side members.

The band portion of the device is formed of wire 20, looped into the bend 12 of the tie member and preferably with the end entwisted around the body of the band, as shown at 21.

The band is applied by placing the tie member upon one corner of the bundle of the material to be bound (represented at 22) and passing the band member 20 around the same and coiling the terminal of the band around the tongue 19, as at 23. The tongue is then bent down and the spur 11 driven into the material 22 between the portions 17 18 of the side members. By this means a simply-constructed and inexpensive bale-tie is constructed, very strong and durable, and which will firmly hold the material and prevent the separation of the parts or the displacement of the bands.

The parts may be of any required size or strength and adapted to bundles of various sizes and of different characters and form.

Having thus described the invention, what is claimed is—

1. As a new article, a bale-band tie constructed from a single piece of wire having an eye at one end and a spur extending laterally from the other end, said wire section bent upon itself intermediate the ends and the side members thereby produced converging and then bent at right angles and the side member having the terminal spur passed through the terminal eye of the other side member.

2. A bale-band tie consisting of a section of wire bent upon itself and with the side members thereby produced, diverging and then bent at right angles, one side member terminating in an eye and the other side member terminating in a laterally-extending spur with the side member having the spur extending through the terminal eye of the other side member and forming a protruding tongue with the spur as a terminal, and a wire binding member connected at one end to tie at the bend of the same and of sufficient length to extend around the article to be held and engage said tongue.

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

EDWARD L. PENCE.

Witnesses:

W. F. BILGER,

M. L. WRIGHT.