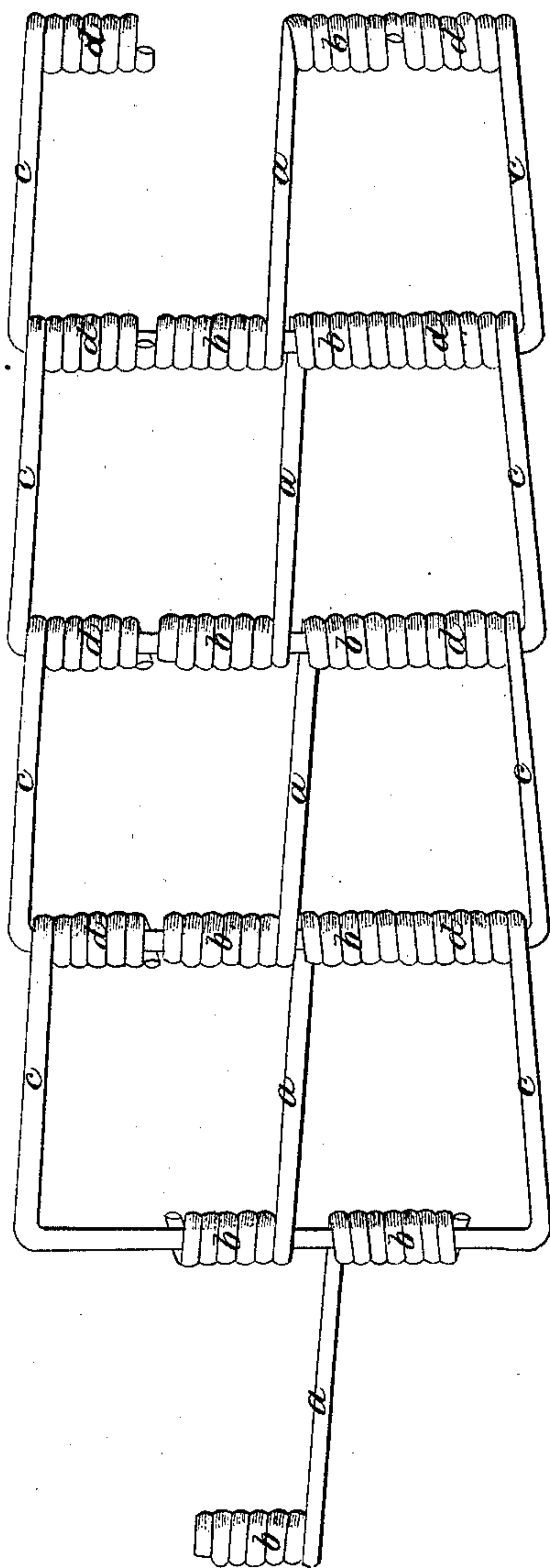


W. P. Powers,

Metal Belting.

No. 97,312.

Patented Nov. 30. 1869.



Witnesses
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Jas P. White

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W. P. POWERS, OF NORTH LA CROSSE, WISCONSIN.

Letters Patent No. 97,312, dated November 30, 1869; antedated November 24, 1869.

IMPROVEMENT IN METAL BELTING.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, W. P. POWERS, of North La Crosse, in the county of La Crosse, and State of Wisconsin, have invented certain new and useful Improvements in Metal Belting; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, and in which is represented a plan view of my metallic belting.

The nature of my invention consists in the employment of a series of wire links, connected together in the manner and for the purpose hereinafter described.

To enable others skilled in the art to which my invention appertains, to make and use the same, I will now describe its construction and operation.

In the accompanying drawing—

a represents a series of wires, provided at each end with the spiral twist *b*, forming the shape of the letter **Z**.

c is also a series of wires, bent so as to form at its base the side of a rectangle, and provided at each end with the spiral twist *d*, extending inward.

My belting is thus formed:

I first form a rectangular wire, *c*, provided at each end with the spiral twist *d*, and then pass through the spiral twists a wire which has been previously passed through the spiral twists on two of the **Z**-shaped wires

a, being careful to so place the wires *a*, that one will extend above, to connect with the upper link, and the other below, to connect with the link below.

The wire thus passed through the twists is then bent, forming a rectangle at its base, and forming a spiral twist, *d*, at each end.

I then insert another wire provided, as before, with the two series *a*, and so on until the required length of belting has been made.

This belting can be made of any width.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. Constructing a metal belt by twisting the ends of each link around the base of each succeeding link, substantially as described.

2. The **Z**-shaped wires *a*, twisted around the centres of each base of the links, substantially in the manner and for the purpose described.

3. The wires *c*, twisted as described, in combination with **Z**-shaped wires *a*, substantially in the manner and for the purpose described.

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

W. P. POWERS.

Witnesses:

J. B. RICHARDS,
H. M. NELSON.