(No Model.)

C. KENNEDY.

BELT TIE.

No. 283,491. Patented Aug. 21, 1883.

Fig. 1.

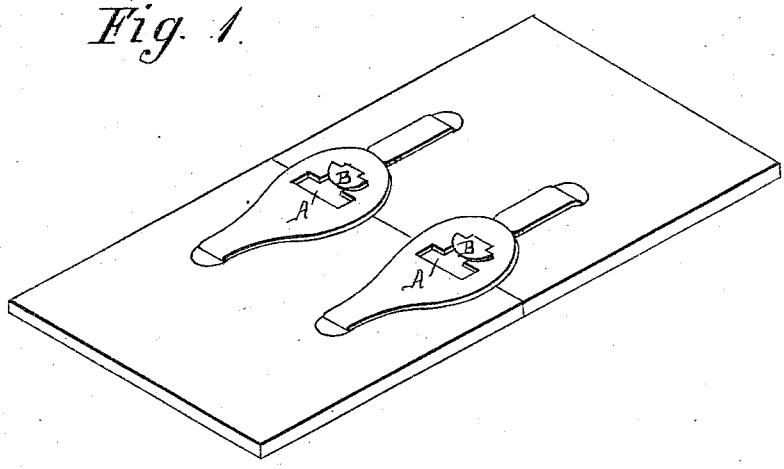


Fig. 2

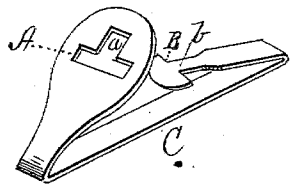
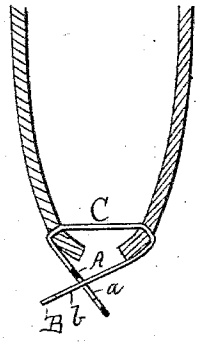


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES KENNEDY, OF PHILADELPHIA, PENNSYLVANIA.

BELT-TIE.

SPECIFICATION forming part of Letters Patent No. 283,491, dated August 21, 1883.

Application filed June 11, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES KENNEDY, a citizen of the United States, residing at Philadelphia, in the State of Pennsylvania, have invented a new and useful Belt-Tie, of which the following is a specification.

My invention relates to an improved and simple method of joining together and securing in a durable manner the ends of leather, rubber, cotton, and other machinery belts. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view of the ends of a belt butted or joined together and fastened with two of the ties. The ties are locked and adjusted ready for use. Fig. 2 is a complete tie, bent but not locked. Fig. 3 is a vertical section of the ends of a belt and the tie, showing its principle of adjustment.

C is the body of the tie, in one end of which is provided the T-slot, which has the head portion A extending transversely across the body of the tie, and the longitudinal body portion *a* of the slot extended toward the end of the tie. The other end of tie is provided with a T-shaped head, B, which is of a proper size to enter the head A of the T-slot, and which has a neck, *b*, of proper size to slip into the body-opening *a* of the T-slot. When the end B is inserted in the opening A, and the neck *b* drawn back into the portion *a*, the end or head B will rest on the material forming the side of the opening *a*, and be held thereby against all tensile strain, but may be opened by relaxing the strain and pushing the head B back until it will pass through the opening A. When applied to a strap, as shown in Figs. 1 and 3, the tie is passed through openings in the adjoining ends of the strap, and the two ends of the tie united in the manner shown in Fig. 3.

Ties for belting somewhat similar to mine have heretofore been known in which a plane transverse slot is provided in one end of the tie, through which the opposite plane end of the tie is passed and then bent down; but I lay no claim to such construction, as a severe tensile strain will straighten out the bend of the tie and then pull it out of place, while in my device the tie or the strap must break before it will open from tensile strain.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A belt-tie consisting of a metal strip or plate having one end provided with a T-shaped opening having its longitudinal portion *a* extending toward the end of the tie, and the other end provided with an enlarged head, B, and neck *b*, adapted to enter the head of the T-shaped opening in opposite end, and be drawn down and rest on the sides of the longitudinal opening *a*, as set forth.

CHARLES KENNEDY.

Witnesses:

GEORGE W. KENNEDY,

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