

(No Model.)

C. T. BODIFIELD.

LEATHER BELTING.

No. 375,333.

Patented Dec. 27, 1887.

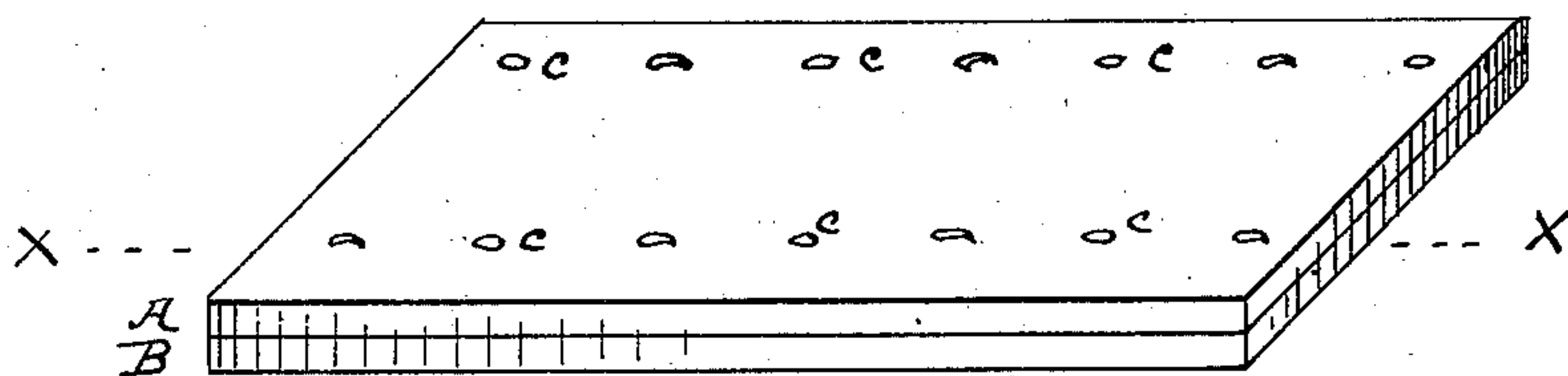


Fig. 1.

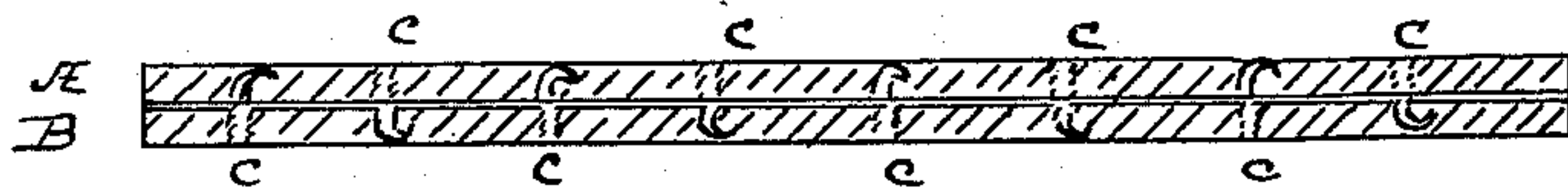


Fig. 2.

Witnesses:

E. W. Stuart  
G. H. Simmons

Inventor:

Charles T. Bodifield,  
by C. P. Humphrey  
his Atty.

# UNITED STATES PATENT OFFICE.

CHARLES T. BODIFIELD, OF AKRON, OHIO.

## LEATHER BELTING.

SPECIFICATION forming part of Letters Patent No. 375,333, dated December 27, 1887.

Application filed August 25, 1887. Serial No. 247,820. (No specimens.)

*To all whom it may concern:*

Be it known that I, CHARLES T. BODIFIELD, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented a new and useful Improvement in Leather Belting, of which the following is a specification.

My invention has relation to improvements in that class of leather belting in which two or more layers of leather are united to form the belt. Heretofore this union has been effected by cementing the layers and fastening them in one of two ways—viz., by headed rivets with washers on the opposite side, or by sections of screw-threaded wire, without heads or washers, driven through the layers.

The first method is objectionable, because the rivet-heads or washers slide on the pulley and thereby reduce the friction.

The second method is also objectionable, because, while it overcomes the former objection the wire-sections become loose and permit the layers to separate.

The object of my invention is to secure the advantages and overcome the objections of the aforesaid methods.

It consists in the devices illustrated in the accompanying drawings, as hereinafter described and claimed.

In the accompanying drawings, Figure 1

shows in perspective a piece of belting embodying my invention, and Fig. 2 a section of the same at the line *x x*.

The two layers A B, of prepared leather, are united by any suitable cement—such as glue—and fastened by a series of headless malleable tacks or nails, *c*, having corrugated bodies and tapering points, driven alternately from opposite sides and clinched upon the other sides. By this construction the larger ends and the clinched points lie flush with or slightly below the surfaces of the belt. The corrugated body and tapering form prevent their drawing through toward the points, and the clinched points prevent their returning.

I claim—

As an improved article of manufacture, a belt consisting of two layers of leather cemented together and fastened by a series of headless tacks or nails, having corrugated bodies and tapering points, driven alternately from opposite sides of the belt and clinched on the other, substantially as shown, and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand.

CHARLES T. BODIFIELD.

In presence of—

SUMNER NASH,

C. P. HUMPHREY.