

(No Model.)

F. TIEMANN.  
BELT FASTENER.

No. 554,803.

Patented Feb. 18, 1896.

Fig. 1.

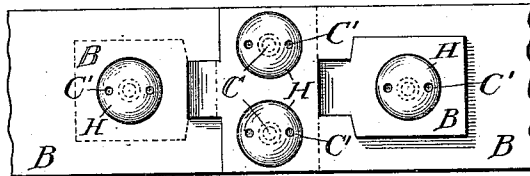


Fig. 2.

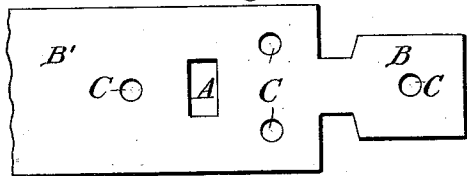


Fig. 3.

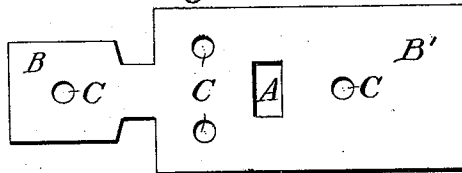


Fig. 4.



Fig. 5.

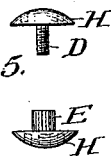


Fig. 6.

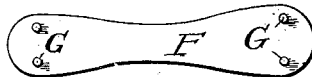
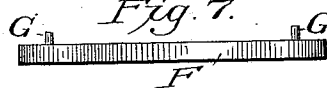


Fig. 7.



Witnesses.

Samuel A. Dutton.  
Katie Chesley.

Inventor,

Frederik Tiemann  
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# UNITED STATES PATENT OFFICE.

FREDERIK TIEMANN, OF RICE, MINNESOTA.

## BELT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 554,803, dated February 18, 1896.

Application filed December 10, 1894. Serial No. 531,410. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERIK TIEMANN, a citizen of the United States, residing at Rice, in the county of Benton and State of Minnesota, have invented a new and useful Improvement in Belt-Fasteners for Machines, of which the following is a specification.

My invention relates to an improvement in belt-fasteners for machines. Its object is to provide a simple method of uniting the ends of the leather belt, so as to at the same time give it greater strength and sufficient tension. To accomplish this I provide interlacing ends or tongues, as shown in the accompanying drawings, which are further strengthened by rivets, preferably of brass or other metal.

In the drawings similar letters refer to similar parts.

Figure 1 is a plan view of my belt-fastener with the interlacing ends or tongues riveted together. Figs. 2 and 3 represent the ends of the belt. Figs. 4 and 5 represent the parts of the rivets. Figs. 6 and 7 represent the parts of the wrench used for fastening the rivets together.

A represents the slot or opening through which the ends or tongues pass.

B represents the ends or tongues.

B' represents the body of the belt beyond which the tongue B projects.

C represents the rivet-holes.

C' represents the small socket for teeth of wrench.

D represents the shaft of the rivet.

E represents the nut of the rivet-shaft.

F represents the body of the wrench used for fastening the rivets.

G represents the pegs or teeth on the wrench.

H represents the rivet.

In fastening the belt I pass one of the ends or tongues B from above through the opening or slot A opposite by doubling the tip of the leather and the other of the ends or tongues B from below through the opening A opposite by doubling its tip.

The rivets H are suitably disposed, so that each one passes through two thicknesses of leather, as shown in Fig. 1, the threaded shafts or screws D being fastened in the nut E underneath the belt.

I use the wrench set forth in Figs. 6 and 7 to put the rivets through the leather, but do not claim it as part of this invention.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A belt-fastener having one end of the belt united with the opposite end thereof by means of tapering projections or tongues, the tongues being shaved off or made thin at their tips, so as to readily pass through suitable openings or slots in the end of the belt opposite to them, as aforesaid, and secured thereto, preferably by screws of brass or other suitable material or otherwise, substantially as described.

2. In a belt-fastener, tapering, projecting tips or tongues, shaved off or made thin at their ends, proper openings or slots to receive and hold firmly said tips or tongues as aforesaid, and screws preferably of brass or other suitable material, or other suitable fastenings to secure the joined parts, substantially as set forth.

FREDERIK TIEMANN.

Witnesses:

M. C. ISHAM,  
JOHN LAMPERT.