No. 803,716. PATENTED NOV. 7, 1905.

J. P. SARLE.

BELT FASTENER.

APPLICATION FILED OCT. 17, 1904.

Fig. 1.

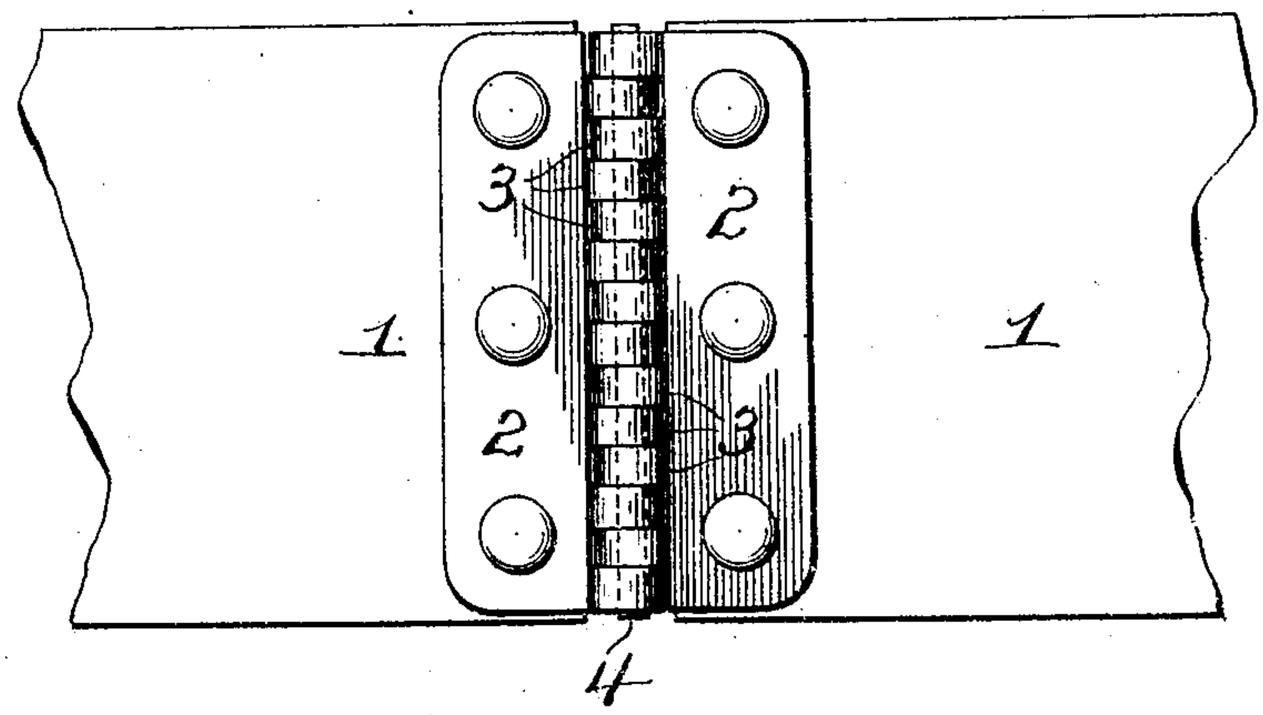


Fig. 2.

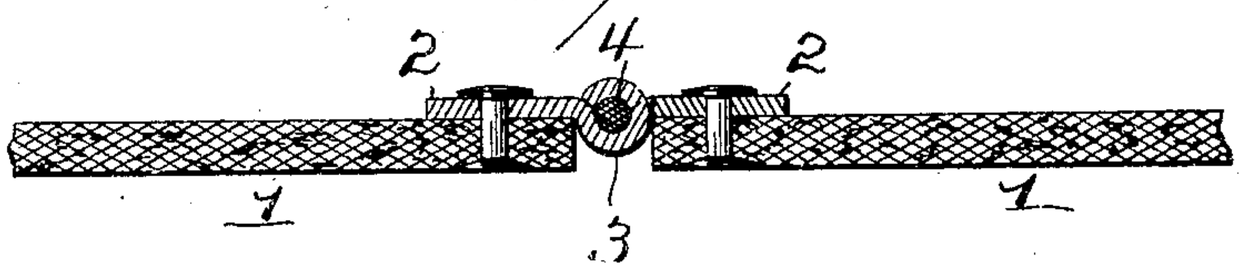
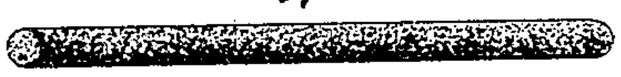


Fig. 3.



WITNESSES

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JAMES P. SARLE, OF TAUNTON, MASSACHUSETTS.

BELT-FASTENER.

No. 803,716. Specification of Letters Patent. Patented Nov. 7, 1905.

Application filed October 17, 1904. Serial No. 228,859.

To all whom it may concern:

Be it known that I, JAMES P. SARLE, a resident of Taunton, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Belt-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improved belt-fastener, the object of the invention being to provide improvements of this character which will permit ready connection and disconnection of the belt ends, which will absolutely lock the belt ends together without danger of accidental disconnection when in use, which will permit of sufficient flexibility of the connection to compensate for all necessary movements of the belt, and which will be extremely simple in construction, cheap to manufacture, easily applied, readily adjusted, and which will be strong and durable in use.

With these and other objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view illustrating my improvements. Fig. 2 is a view in longitudinal section, and Fig. 3 is a view of my improved pintle removed.

1 represents the belt ends, and 2 the leaves of my improved fastener, which consist of metal strips or plates secured to the belt ends 1 by rivets or otherwise, as preferred. Along the edges of the leaves 2 metal tongues are provided and bent into circular formation, forming a series of eyes 3, the eyes of the different wings or leaves 2 being alternately disposed between the eyes of the other leaf and all located in alinement to receive my improved pintle 4 to hinge them together.

My improved pintle 4 is preferably made of rawhide, but may be made of various other material which will give the necessary flexibility, frictional contact, and strength and which will not wear the metal eyes 3 in use.

By providing a pintle of rawhide or other suitable material it will be seen that when the pintle is inserted into the alined eyes and the belt is subjected to its ordinary longitudinal strain the tendency of the eyes of the leaves 2 to pull apart will tend to distort or bend the pintle at several points and owing to such bending and the frictional contact of the pintle will absolutely prevent possibility of the pintle moving longitudinally and its consequent escape. Then, again, the pintle allows of sufficient longitudinal flexibility of the belt to accommodate itself to all uses and can be removed at any time by pressing the ends of the belt toward each other to aline the eyes 3. The pintle sustains all wear and can be cheaply replaced when worn, and the belt can be readily shortened by simply disconnecting one leaf, cutting off the end of the belt, and securing the disconnected leaf to the shortened end.

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

1. A belt-fastener, comprising two rigid leaves or wings, and a yieldable pintle or hinge-pin connecting them.

2. A belt-fastener, comprising two rigid leaves or wings, and a yieldable rawhide pintle or hinge-pin connecting them.

3. A belt-fastener, comprising two rigid wings or leaves adapted to be riveted to the ends of a belt, eyes at the edges of said rigid wings or leaves located in alinement, and a yieldable pintle located in said alined eyes.

4. A belt-fastener, comprising two metal plates adapted to be riveted to the respective ends of a belt, tongues at the edges of said plates bent to form eyes interposed between each other and located in alinement, and a yieldable pintle in said alined eyes.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JAMES P. SARLE.

Witnesses:
LILLA E. SNOW,
FREDERICK S. HALL.