

J. M. Wattles,
Suspender.
No. 109,853. *Patented Dec. 6. 1870.*

Fig. 1.

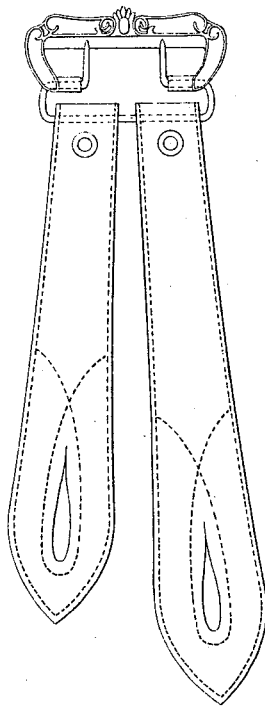


Fig. 2.



Witnesses.
S. N. Piper
J. M. Wattles

Joseph M. Wattles
by his attorney
R. H. Eddy

United States Patent Office.

JOSEPH WARREN WATTLES, OF CANTON, MASSACHUSETTS.

Letters Patent No. 109,853, dated December 6, 1870.

IMPROVEMENT IN SUSPENDERS.

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

To all persons to whom these presents may come:

Be it known that I, JOSEPH WARREN WATTLES, of Canton, of the county of Norfolk and State of Massachusetts, have invented a new and useful Improvement in the Manufacture of Suspenders, or the button-hole carrying portions thereof; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 denotes a front view; and

Figure 2, an edge view of a suspender buckle and its two button-hole carriers or straps, made in accordance with my invention.

Each of such carriers or straps consists of a thin flexible plate of metal, faced on its opposite sides with cloth, secured to the plate by stitching or sewing going through the cloth and the plate, the button-hole being cut or formed directly through or in the metallic plate and the cloth.

The said metallic plate serves as a re-enforce to the cloth, keeping it in its normal condition, or preventing it from stretching while in use. It also prevents the button-holed strap from tearing away from the buckle,

and enables the eyelet used in securing the strap to the buckle to be set together, and to firmly hold the parts on which it may be contracted.

The edges of the button-hole in the thin sheet of metal may be turned over, or may be bound or otherwise protected, in order to prevent them, in case it may be necessary or desirable so to do, from cutting the button-securing thread when the strap may be in use.

I make no claim to either of the subjects of the United States Patents Nos. 89,302 or 94,881.

I do not claim the introduction of strands of wire or wire cloth between coverings of leather to form machine belting, nor the introduction of sheet metal in the same manner and for a like purpose; but

I claim, as a new article of manufacture, and as my invention—

A suspender-button strap, having a layer of thin sheet metal interposed between two layers of cloth or leather, in the manner and for the purpose set forth.

JOSEPH W. WATTLES.

Witnesses:

R. H. EDDY,
S. N. PIPER.