

No. 688,183.

Patented Dec. 3, 1901.

C. C. LANTZ.

ADJUSTING CLIP FOR GARMENT SUPPORTERS.

(Application filed Dec. 17, 1900.)

(No Model.)

FIG. 1.

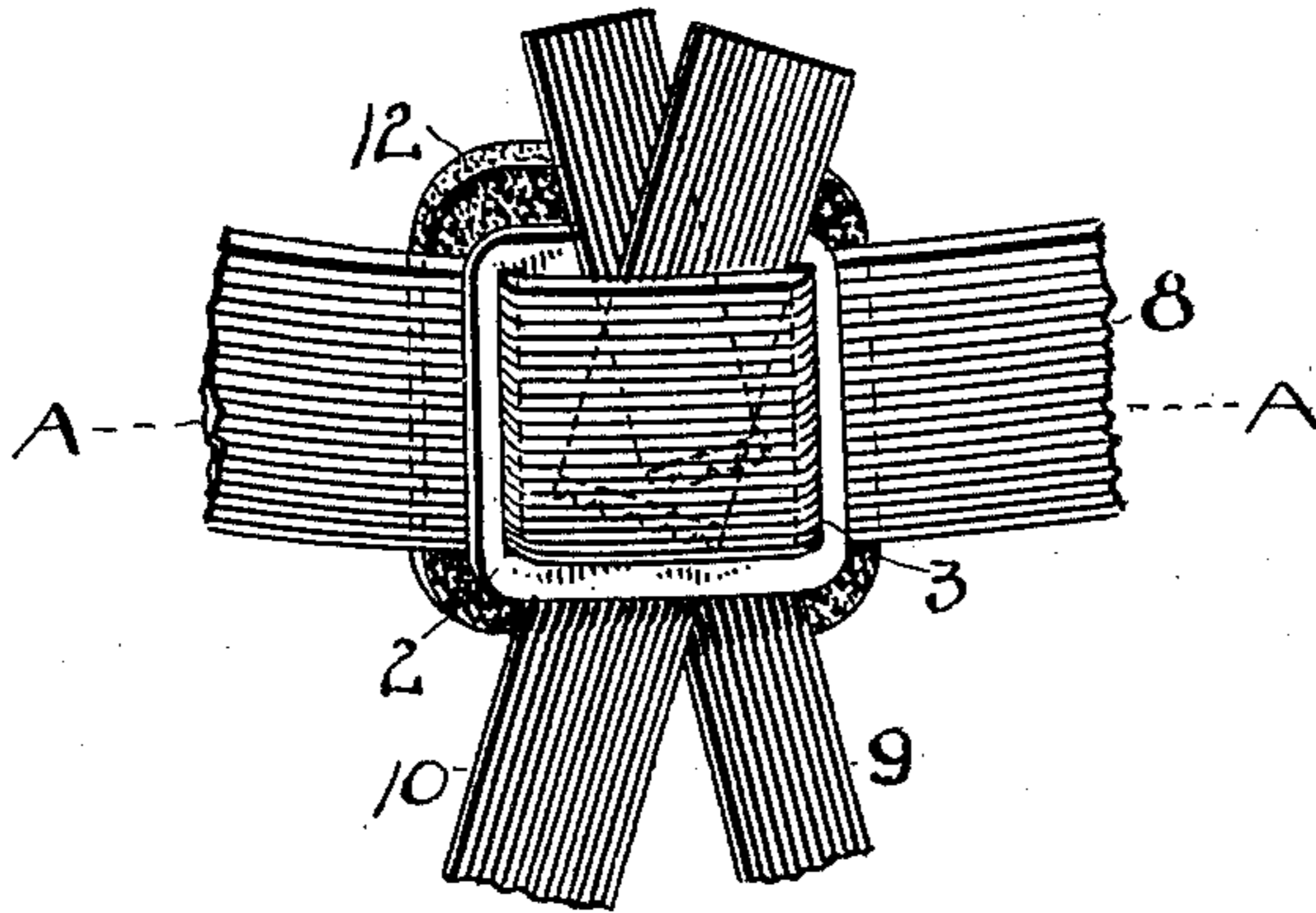


FIG. 2.

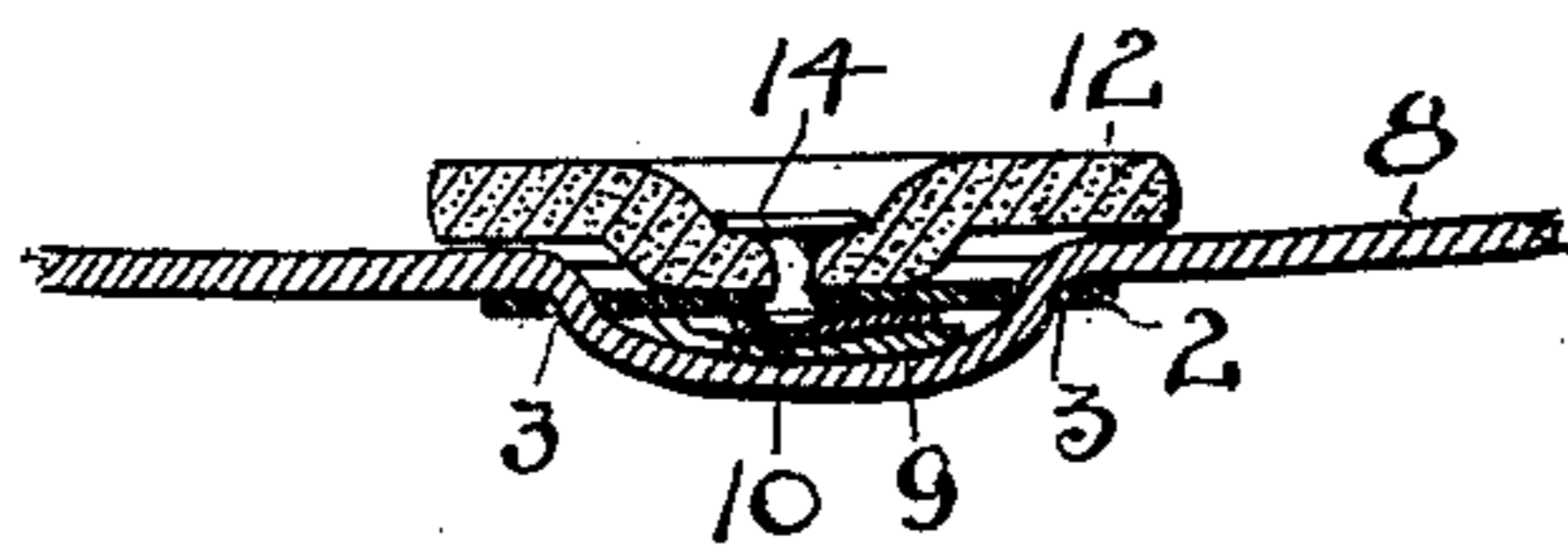


FIG. 3.

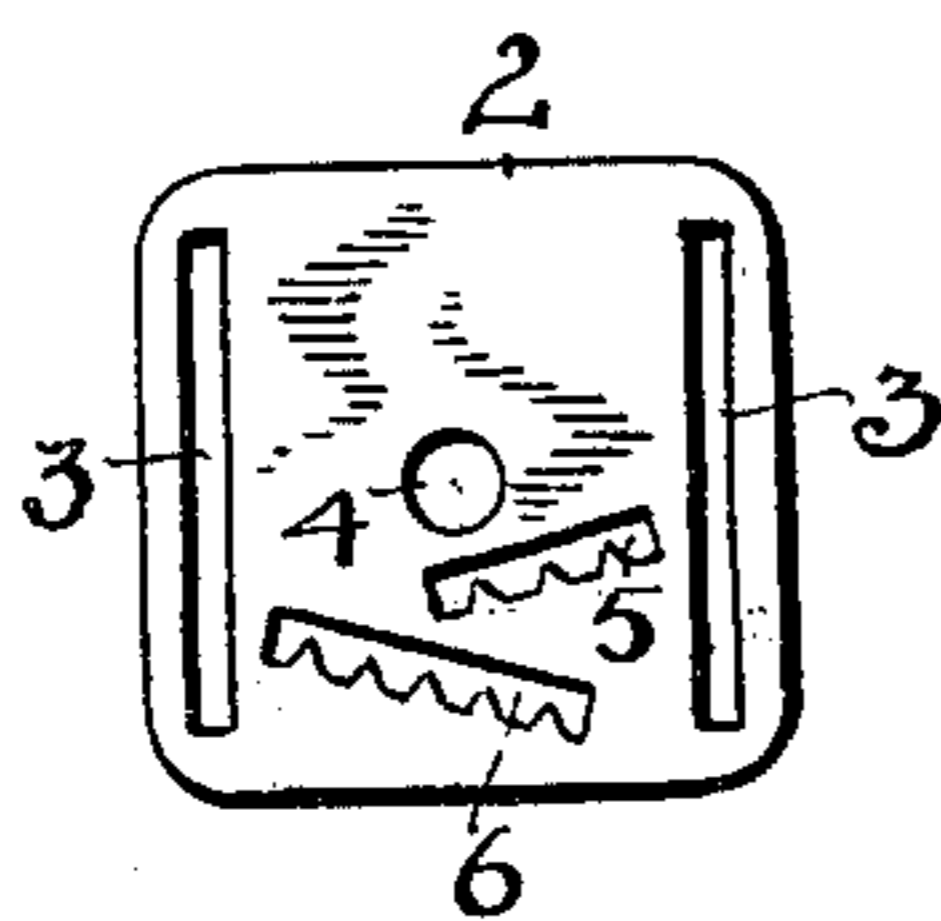
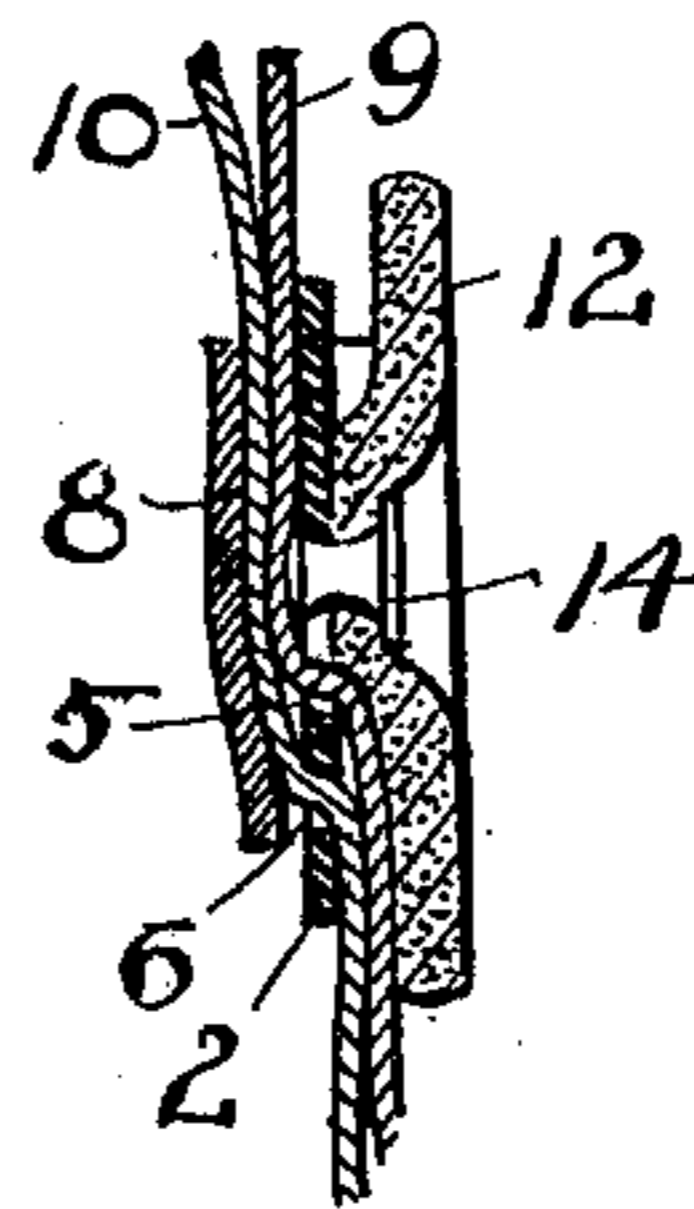


FIG. 4.



ATTEST

R. B. Moore
M. A. Sheehan

INVENTOR

CARL C. LANTZ.

By *W. J. Fisher* ATTORNEY

UNITED STATES PATENT OFFICE.

CARL C. LANTZ, OF ALBANY, NEW YORK.

ADJUSTING-CLIP FOR GARMENT-SUPPORTERS.

SPECIFICATION forming part of Letters Patent No. 688,183, dated December 3, 1901.

Application filed December 17, 1900. Serial No. 40,094. (No model.)

To all whom it may concern:

Be it known that I, CARL C. LANTZ, a citizen of the United States, residing at Albany, in the county of Albany and State of New York, have invented certain new and useful Improvements in Adjusting-Clips for Garment-Supporters; and I do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a clasp for waistbands; and the object of the invention is to furnish a clasp which avoids all buckles and separate parts and which is convenient for adjusting the suspenders and is so light and thin as not to make a noticeable protrusion or bunch where it is worn.

To these ends the invention consists in the construction of a flat clasp from a piece of plate metal, substantially as shown and described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a front elevation of the clasp shown on a section of a band and showing also sections of suspender-straps engaged thereon. Fig. 2 is an edge elevation and cross-section of said parts on a line corresponding to A A, Fig. 1. Fig. 3 is an elevation of the clasp alone apart from the waistband and suspenders. Fig. 4 is a cross-section of the clasp and the pad secured thereto.

Referring to Fig. 1, 2 represents the clasp as a whole, constituting in itself an article of manufacture and sale. It is made, preferably, of plate or sheet metal stamped up into shape substantially as shown, so that its entire and complete production requires only a pair of suitable dies fashioned to turn out a finished article, thus reducing the manufacture of the clasp to the minimum so far as initial cost is concerned and furnishing a clasp in which the entire metallic portion is no thicker than a comparatively thin sheet of metal—say about like a piece of thin cardboard.

The two side edges of the clasp are provided each with a vertical slot 3 for the passage of the waistband, and there is an eye 4 at the center, through which to secure the felt backing 12, and two horizontally-inclined slots 5

and 6, respectively, below the said eye and the middle of the clasp. These slots are arranged at opposite inclinations to a horizontal line to accommodate them to the diverging positions and pull of the suspenders 9 and 10, as well as to double the suspenders across each other, and the lower slot is shown here as longer than the upper one to accommodate a heavier or wider suspender. They may, however, be of the same width. Both slots have serrations or teeth in or along their lower edges, over which the suspenders engage, and they are disposed or placed practically one over or above the other. The side slots 3 for the waistband have no serrations.

Now to utilize this clasp I employ a waistband or belt 8, which is passed through the slots 3 across or over the intervening portion of the clasp, Fig. 2. The engagement of the band in both slots 3, across the angles thereof, is sufficient of itself to hold the clasp on the band at any point at which it may be set or placed, and the engagement of the suspenders 9 and 10 through slots 5 and 6 over the sharp serrations therein and under close confinement by band 8 on one side and the body of the clasp on the other is sufficient to hold said suspenders in any adjusted position high or low. The felt backing or pad 12 is secured upon the inside of the clasp next to the person by means of an eyelet 14, engaged through central hole 4; but it may be fastened to the clasp in any other suitable way. However, the felt should be left free at its lower edge especially, to be raised or turned back or up, so as to enable the suspender-straps to be inserted in slots 5 and 6 and drawn through as well as to be released from the serrations of said slots for withdrawing or adjusting the said straps. Thus it will be seen that the ends of the straps 9 and 10 pass through the slots 5 and 6 and up under the waistband and out at the top between the clasp and the band. The straps thus also cross each other under the waistband, thus helping to tie each other in the grip of said parts.

This invention does away with all extra or added mechanisms for engaging both band and suspenders and affords a clasp for holding both said parts which involves only a single small piece of plate metal—say of suit-

able steel, brass, or the like—which alone answers every purpose when employed with the other parts as herein shown and described.

What I claim is—

5 1. As a new article of manufacture, a clip for a waistband consisting of a single piece of flat metal plate and oppositely-inclined suspender-slots in its lower portion provided with serrated lower edges, the said inclined
10 slots overlapping at their inner ends, substantially as described.

2. A clip for waistbands having side slots with smooth edges, and a pair of oppositely-inclined suspender-slots below its middle portion with serrated lower edges, in combination with suspender-straps threaded through
15 said suspender-slots from the inside of the clip outward and upward and having free ends lying across the face of the clip above
20 said slots, and a waistband through said side slots and overlapping the free ends of the suspender-straps, thereby assisting in holding said suspenders, substantially as described.

3. A clip for waistbands consisting of a
25 single piece of flat sheet metal having parallel slots in its sides for the waistband and reversely-inclined slots in its lower portion be-

tween said side slots having their lower edges serrated, and a pad secured centrally to the inside of said clip by a rivet and overlapping
30 said reversely-inclined slots, substantially as described.

4. A clip for waistbands consisting of a single piece of flat sheet metal having two parallel side slots for the waistband and two
35 reversely-inclined suspender-slots in its lower portion between said side slots and serrated along their lower edges, and a pad secured centrally to said clip and loose about its edges, in combination with suspender-straps thread-
40 ed through said suspender-slots from the inside to the outside of the clip from below upward, and the waistband threaded through said side slots across the outside of the clip and overlapping the upper ends of the sus-
45 pender-straps, substantially as described.

Witness my hand to the foregoing specification this 4th day of December, 1900, at Albany, New York.

CARL C. LANTZ.

Witnesses:

ALEX. SELKIRK,
CHARLES SELKIRK.