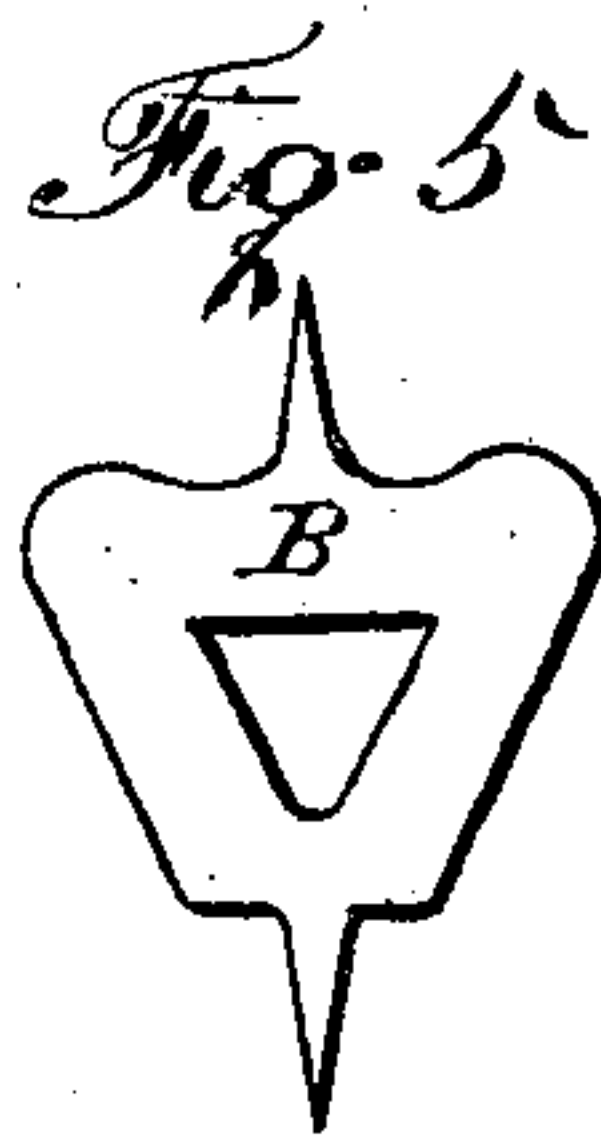
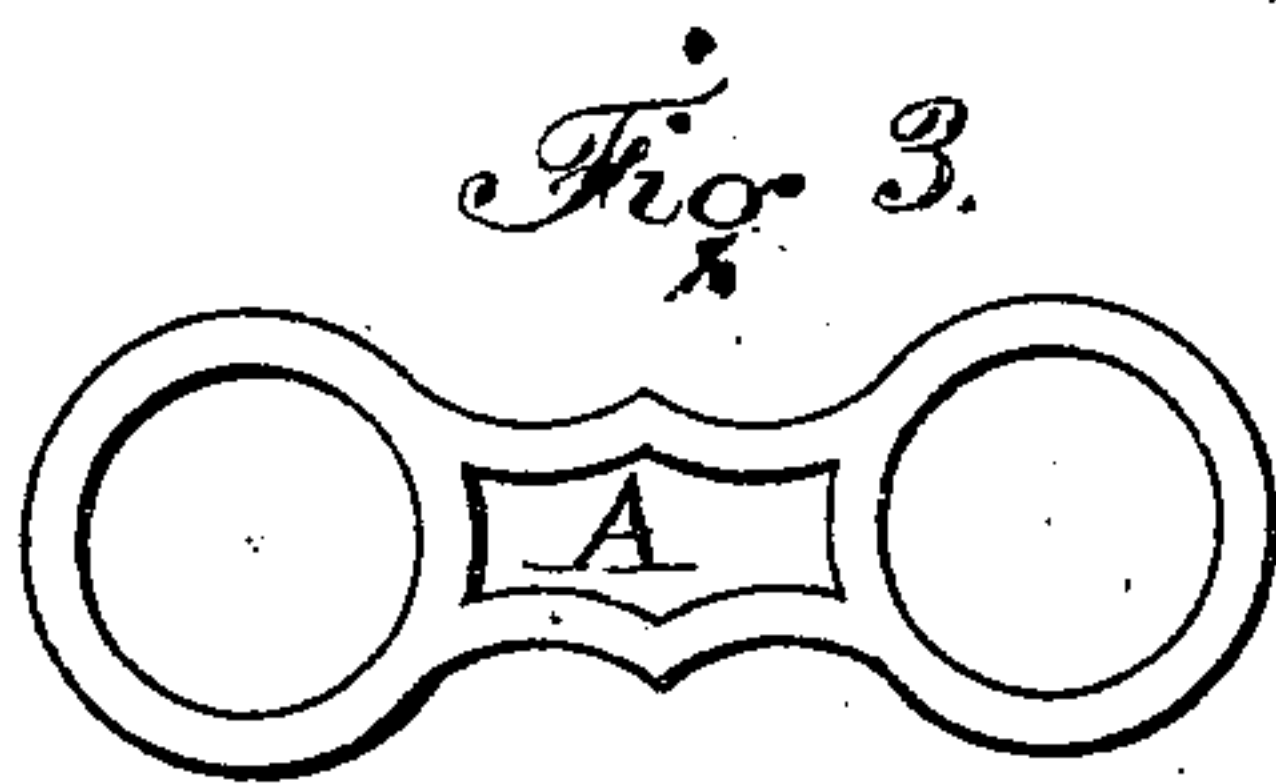
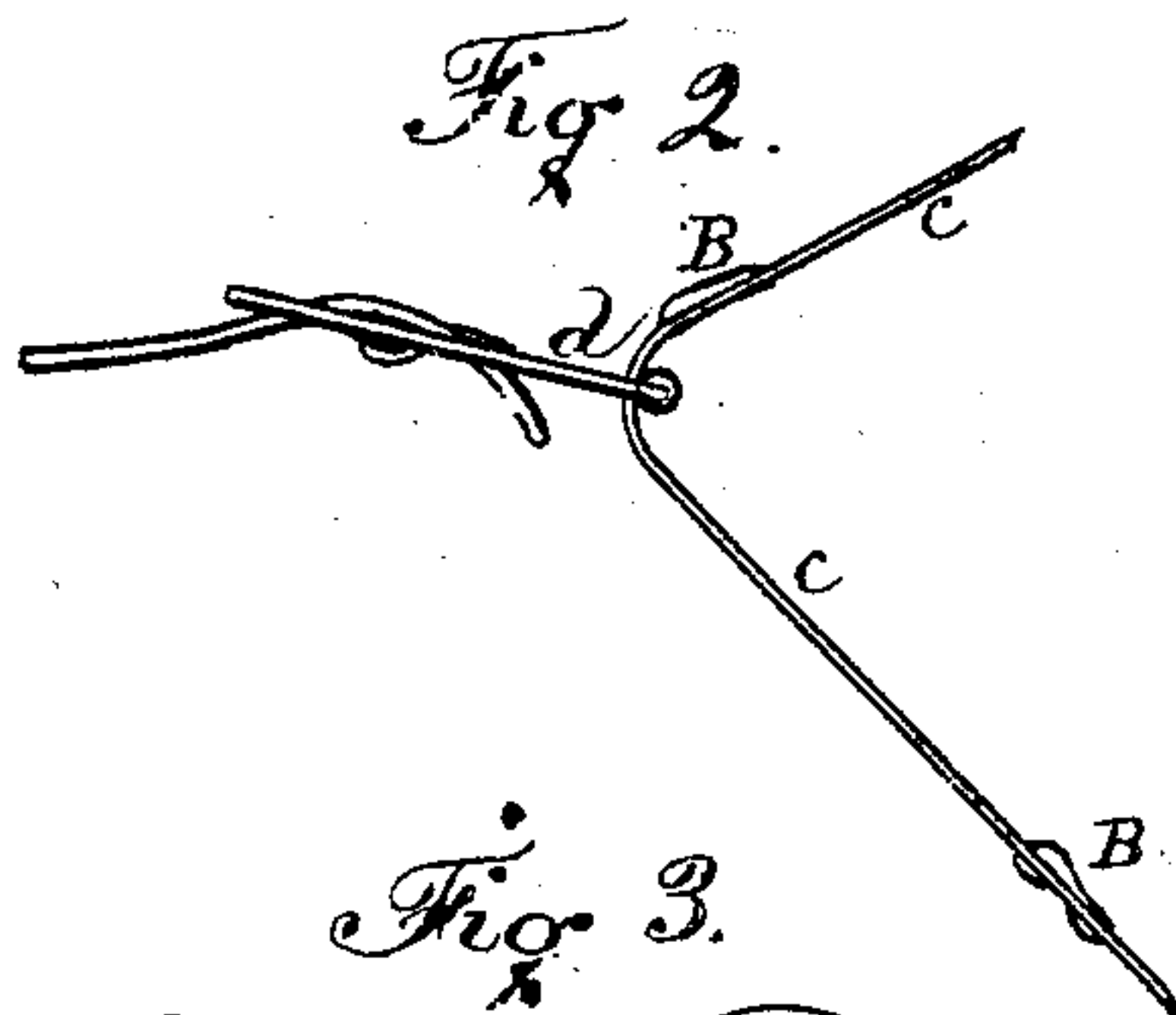
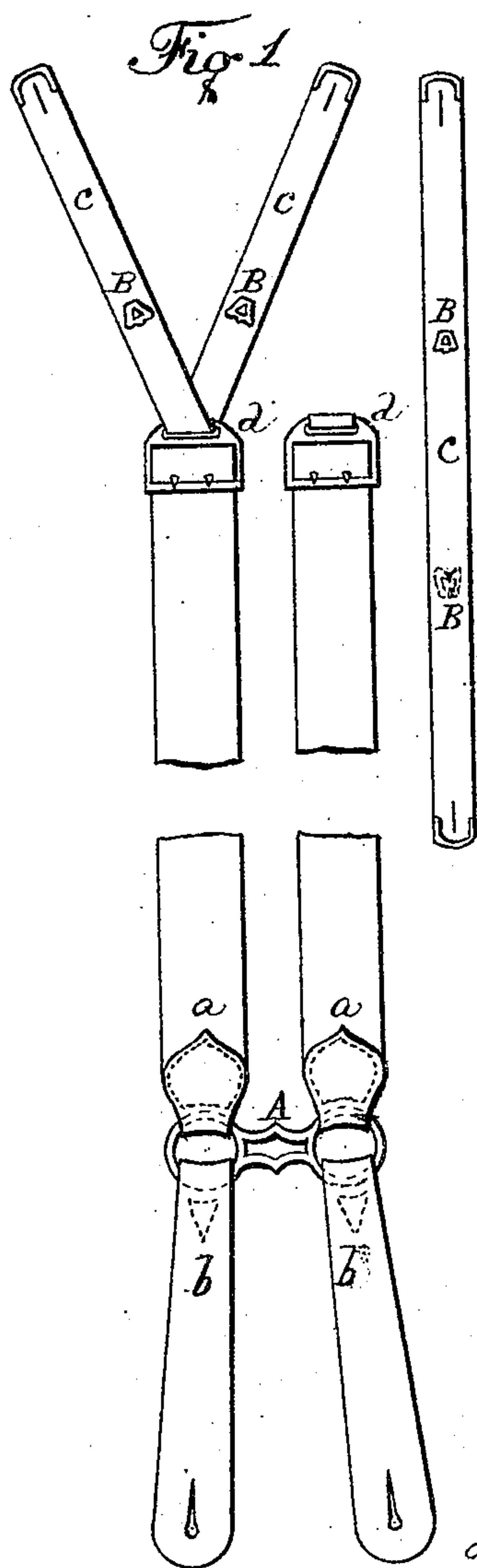


*E. Oldfield,*

*Suspender.*

*No. 102424.*

*Patented. April 26. 1870.*



*Inventor.*

*Edwin Oldfield*  
*per his atty.*  
*C. B. Fowler.*

*Witnesses.*

*Wm. Kilbourn*  
*J. F. Olmstead*

# United States Patent Office.

EDWIN OLDFIELD, OF NORWICH, CONNECTICUT.

Letters Patent No. 102,424, dated April 26, 1870.

## IMPROVEMENT IN SUSPENDERS.

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

*To all whom it may concern:*

Be it known that I, EDWIN OLDFIELD, of Norwich, in the county of New London and State of Connecticut, have invented a new and useful Improvement in Suspenders and Braces; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a view of the suspender and brace, showing the back ends, connected by a metallic link; also the front ends with metallic stops, for preventing the former from slipping out of the slot of the buckle.

Figure 2 is a view in detail of the front ends of suspender and brace, giving a side or edge view of the metallic stops.

Figure 3 is a view in detail, of metallic connecting-link.

Figure 4 is a view in detail, of the front end of suspender and brace, showing the points of metallic stop before they are bent or fastened down.

Figure 5 is a view in detail of metallic stop, showing its points as struck out.

Like letters in the different figures of the drawings indicate like parts.

My invention relates to the class of suspenders and braces, in which the webs thereof are connected by a metallic link, having openings or rings in the two ends of the same, the link being capable of firmly holding the webs and ends of the suspenders and braces, at the same time enabling them to adjust themselves freely to the movements of the wearer, by effectually resisting the usual strain to the suspender and brace web ends and connections consequent upon and necessary to usual and ordinary fastenings.

It consists in the application or connection of "metallic stops" to the front ends of suspenders and braces, in such manner as to prevent said ends from slipping through the slots of the suspender-buckle, beyond the proper and necessary distance for adjusting the suspenders and braces to the uses of the wearer, by which application the necessary sliding of the suspender and brace ends is attained without the use of web cloth, leather, or any similar attachment or fastening to the underneath ends, and dispensing with all such extra material and consequent sewing usually made use of and necessary, thus effecting a saving of one-

third webbing to the manufacturer, and rendering the suspenders and braces more durable for use.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A is the metallic connection between the webs *a a*, and the suspenders and brace ends *b b*, which metallic connecting-link may be manufactured from any metal or composition metal suitable therefor, and may be made in one piece, as represented in fig. 3.

The parts of the webs and ends passing through the rings of the metallic connection should be so made as to allow the rings to work easily and freely.

B B are the metallic stops applied to the suspender and brace ends at *c c*.

These stops may be made of any metal or composition metal suitable for the purpose. As shown in figs. 4 and 5, the stops are made with sharp points, and fixed to the ends by first pressing the points to a position horizontal with the stops; then through the suspender and brace ends and clinching them on the opposite side, thus forming an effectual bar to the passage of the suspender and brace ends beyond such "stop" through the slot of the buckle *d*.

The metallic stops may be of any other shape or affixed to the "ends" in any other manner as may be preferred, provided it is an attachment of a metallic stop to the ends of suspenders and braces, by which the necessary and required sliding of said ends is permitted, and the use of leather, cloth, rubber-webbing, or other similar material attachment, to or under the suspender and brace ends, or any sewing on the same, as commonly used and necessary, is entirely done away with.

Having thus fully described my invention,

What I claim therein as new and desire to secure by Letters Patent, is—

The application of metallic stops B B, or their equivalents, with the suspender and brace-ends *cc*, substantially as and for the purpose set forth.

As evidence that I claim the foregoing as my invention, I have hereunto set my hand in the presence of two witnesses.

EDWIN OLDFIELD.

Witnesses:

JAS. B. COIT.

GEO. H. SPALDING.