

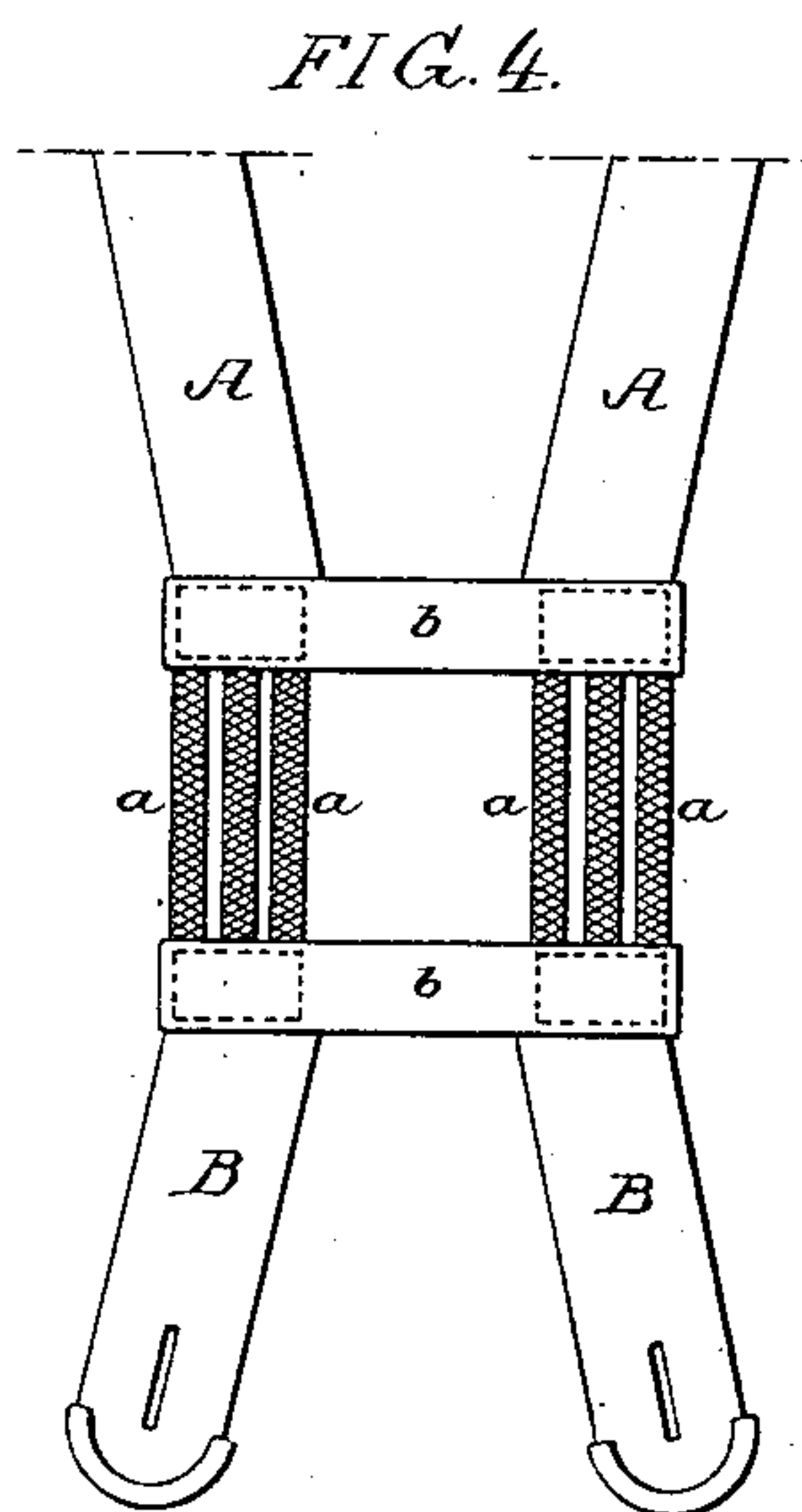
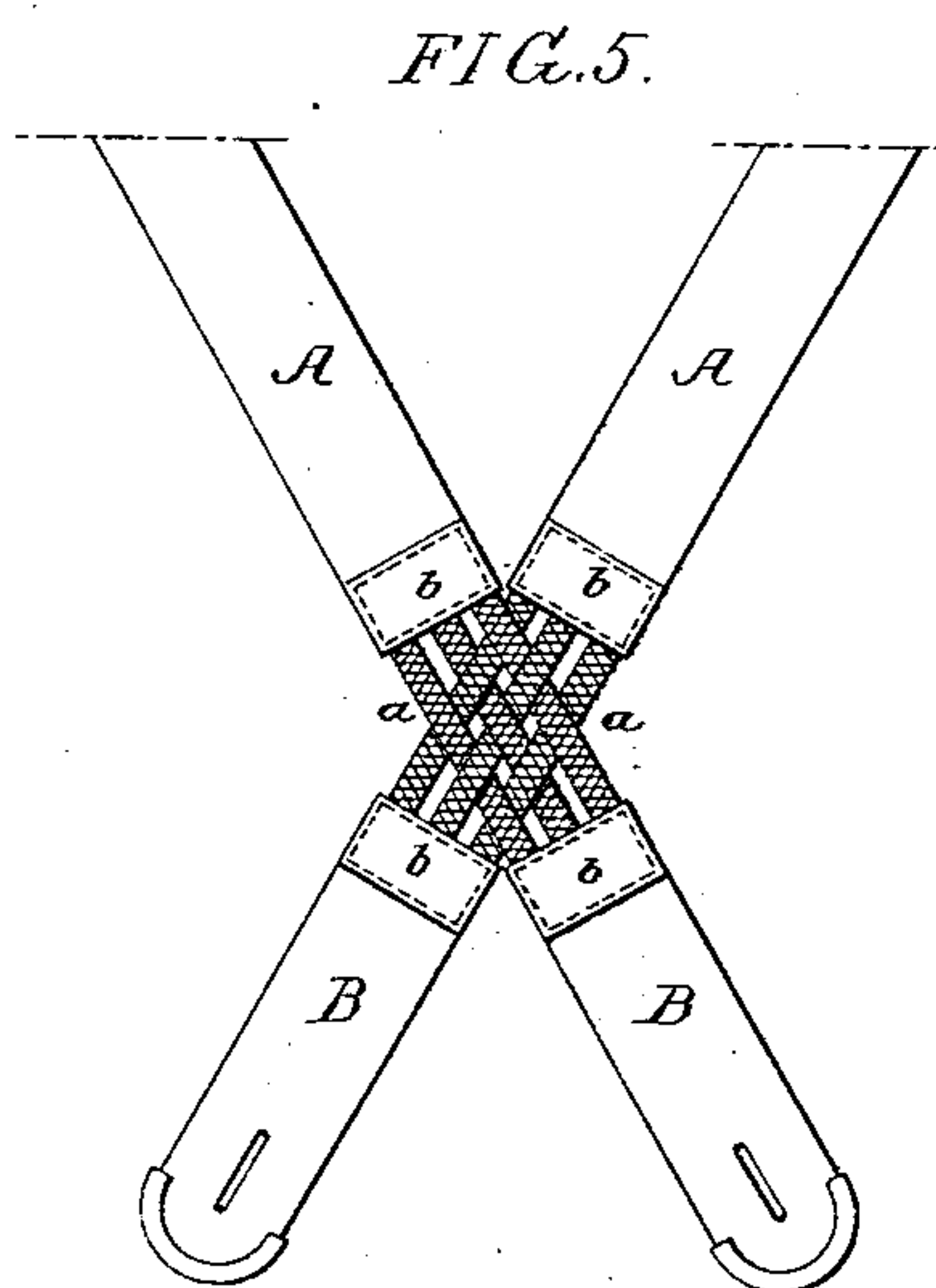
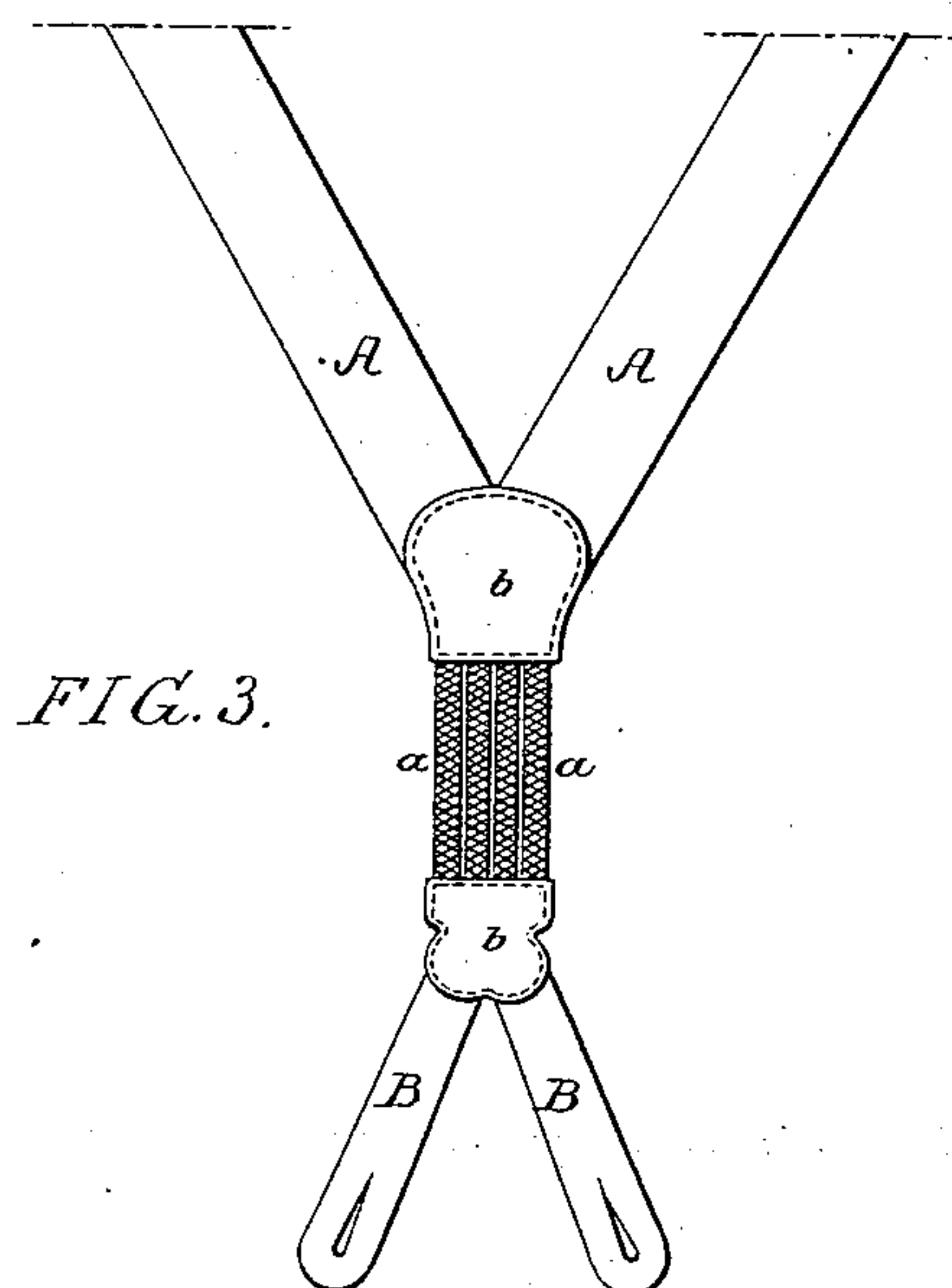
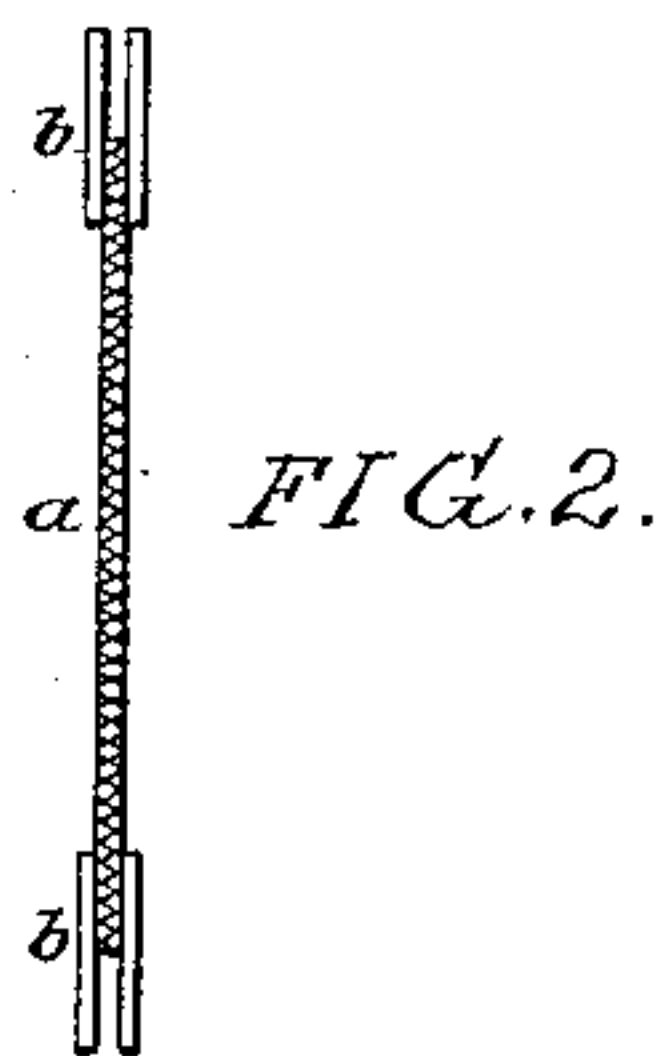
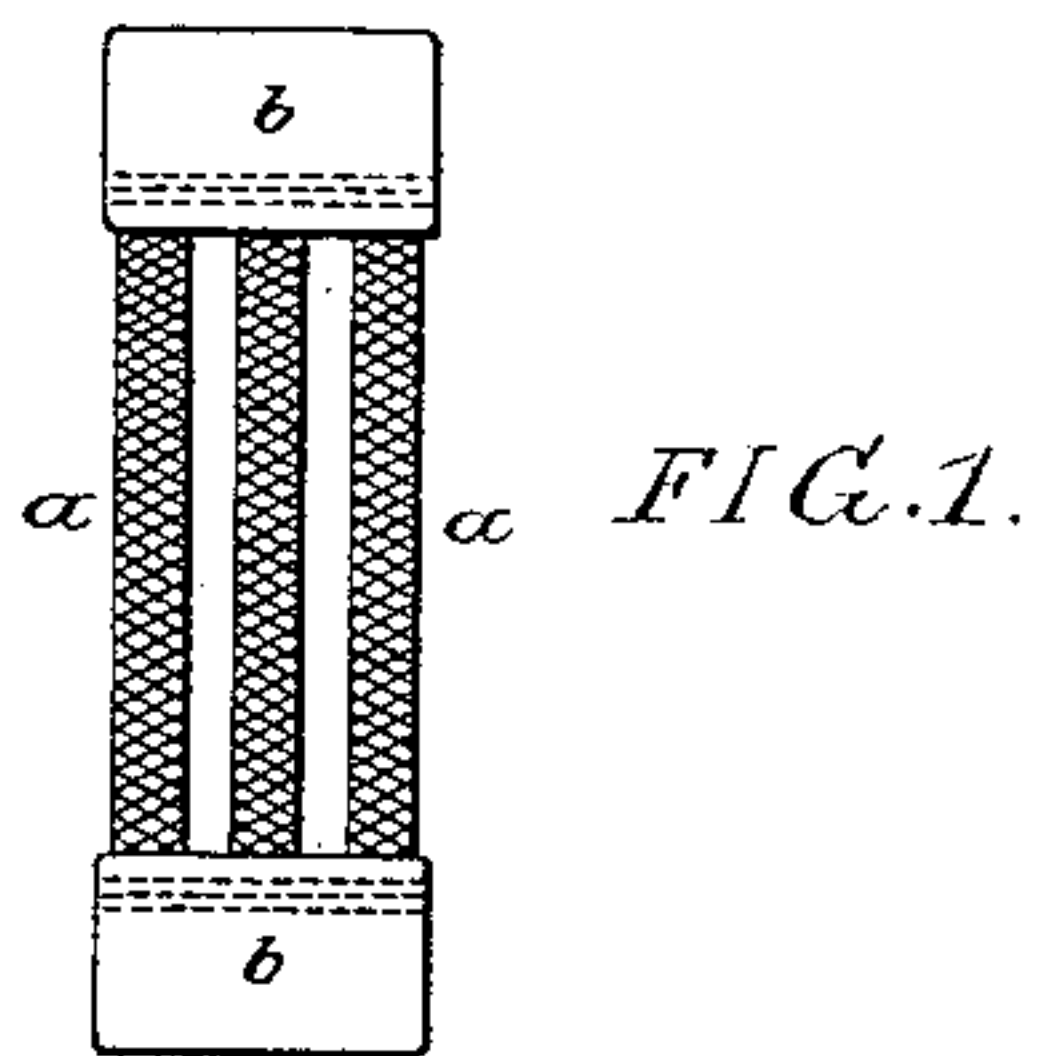
(No Model.)

J. A. ADAMSON.

SUSPENDERS.

No. 335,411.

Patented Feb. 2, 1886.



Witnesses  
William F. Davis  
Harry Smith

Inventor  
J. Arthur Adamson,  
by his attys.  
Howson & Sons

# UNITED STATES PATENT OFFICE.

J. ARTHUR ADAMSON, OF PHILADELPHIA, PENNSYLVANIA.

## SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 335,411, dated February 2, 1886.

Application filed March 12, 1885. Serial No. 158,500. (No model.)

*To all whom it may concern:*

Be it known that I, J. ARTHUR ADAMSON, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Suspenders, &c., of which the following is a specification.

The object of my invention is to provide manufacturers of suspenders, skirt-supporters, belts, &c., with an elastic section which will be more acceptable than the usual metallic springs, or than a single strip of elastic fabric, but can be used with the same facility as the latter in making up the articles named; and this object I attain in the manner herein-  
after set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a front view of an elastic section for suspenders constructed in accordance with my invention; Fig. 2, an edge view of the same, and Fig. 3, 4, and 5 views illustrating various methods of combining with the straps of suspenders elastic sections constructed in accordance with my invention.

The main feature of the invention consists in making an elastic section for suspenders, belts, or other articles of a series of narrow elastic webs, *a*, connected at the opposite ends to tabs *b*, which project beyond the webs, so as to serve as a means of readily attaching the elastic section, the latter being lighter than one made from a single web, and affording facilities for proper ventilation, so as to increase the comfort of the wearer. The shoulder-straps A and waist-straps B of a pair of suspenders can be readily connected to the projecting portions of the tabs *b*, as shown in Fig. 3; or the tabs may be wide enough to serve for two sets of elastic webs *a*, one set at each end, as shown in Fig. 4. Before being  
secured to the tabs, the elastic webs *a* may be

interwoven, as shown in Fig. 5, so that said webs may serve to connect the shoulder-straps of a pair of suspenders together at the back without interfering with the freedom of movement of each strap independently of the other. By the use of a series of narrow webs the desired elasticity is obtained without sacrifice of strength, and, because of the facilities afforded for ventilation, suspenders or other straps having elastic section so constructed are more comfortable to the wearer in warm weather than those having broad webs of elastic fabric, or such as have elastic sections composed of metal springs.

I claim as my invention—

1. An elastic section for suspenders or like articles, consisting of a series of narrow webs of elastic fabric, in combination with tabs *b*, secured to and projecting beyond the opposite ends of said webs, so as to provide a ready means of attaching the webs to the straps of suspenders or like articles, all substantially as set forth.

2. Suspenders each of the crossing straps of which has an elastic section composed of a series of narrow webs of elastic fabric, those of one strap being interwoven with those of the other strap, as set forth.

3. An elastic section for suspenders, consisting of two sets of narrow elastic webs having attaching-tabs at the ends, one set of webs being interwoven with the other set, as specified.

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

J. ARTHUR ADAMSON.

Witnesses:

HENRY BOSSERT,  
HENRY HOWSON.