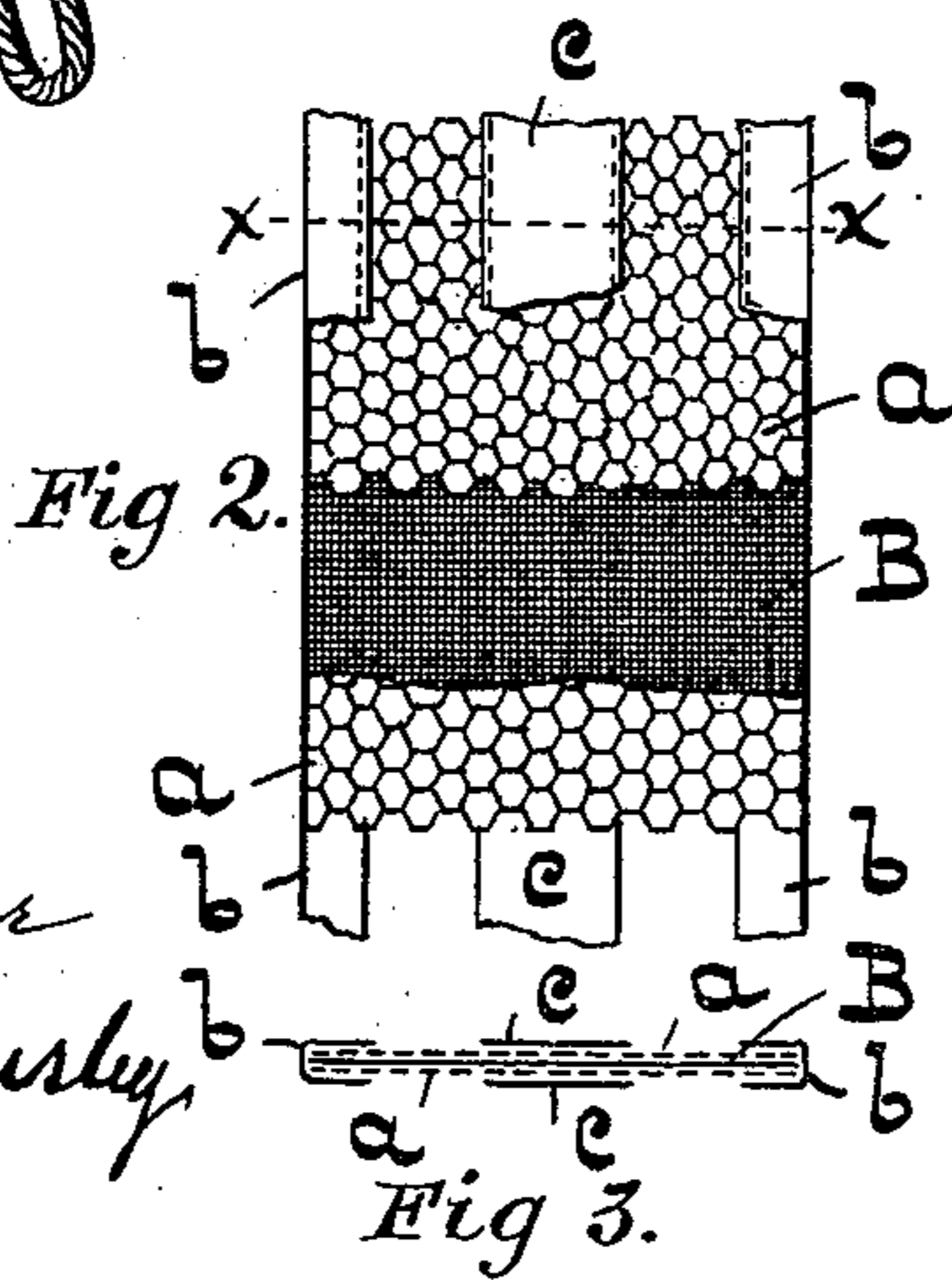
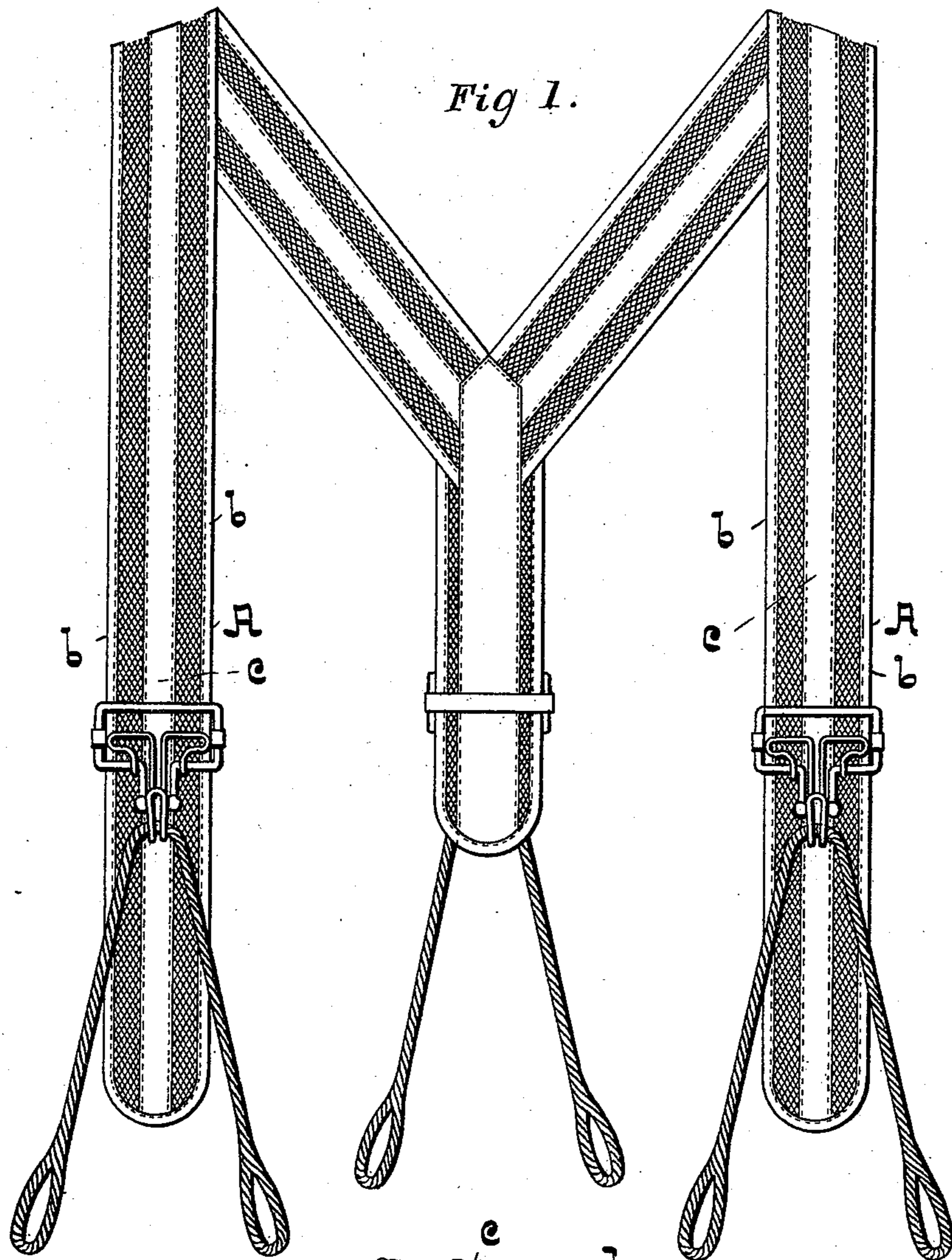


(No Model.)

L. BLOOM.
SUSPENDERS.

No. 527,654.

Patented Oct. 16, 1894.



-WITNESSES-

Don't Fisher
George Hensley

-INVENTOR-

Louis Bloom,
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att.

UNITED STATES PATENT OFFICE.

LOUIS BLOOM, OF VICKSBURG, MISSISSIPPI.

SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 527,654, dated October 16, 1894.

Application filed July 12, 1894. Serial No. 517,270. (No model.)

To all whom it may concern:

Be it known that I, LOUIS BLOOM, of the city of Vicksburg, in the county of Warren and State of Mississippi, have invented certain Improvements in Suspenders, of which the following is a specification.

This invention relates particularly to the shoulder straps of the suspenders and its object is to construct the said straps in such manner that they will be strong, light in weight, open in texture and particularly suitable for summer wear, as will hereinafter fully appear.

In the description of the said invention which follows, reference is made to the accompanying drawings forming a part hereof, and in which—

Figure 1 is a front view of a partially folded pair of suspenders constructed in accordance with the present invention. Fig. 2 is an enlarged view of a portion of one of the shoulder straps showing the nature or character of the materials used in its construction, and the relation which the various materials bear to each other. Fig. 3 is a cross section of Fig. 2 taken on the dotted line $x-x$.

Referring to the drawings, A represents the shoulder straps which are formed of two strips of bobbinet a , between which is inserted a strip of canvas B, and the whole fastened together and strengthened by binding strips b which cover the edges and are sewed through the materials, and two reinforcing braids c one at the front and the other at the back, which like the binding strips b are sewed through the materials and to each other.

Bobbinet as is well known is an exceedingly open and light weight material, and while it offers little resistance to distortion, is not easily torn or ruptured, and has great elasticity. Such a material would not alone be suitable for the shoulder straps of suspenders, for the reason among others, that it would stretch lengthwise and even if bound at the edges would not offer any resistance to lateral stretching. I therefore place between the strips of bobbinet the strip of canvas B which is an open wove material the threads of which are coarse and strong, but separated to such an extent as to make the material porous and not liable to retain moisture. The union of these two materials produces a shoulder strap which has the elements of strength when pulled in any direction, but to still further strengthen the strap I employ the binding on the edges and the central tapes.

The relative arrangement of the several materials is well shown in Fig. 2 where the various parts are torn away so as to expose the others, as in Fig. 3 which is a cross section of Fig. 2.

I claim as my invention—

In a pair of suspenders, the shoulder straps thereof formed of two strips of bobbinet with a strip of canvas interposed, the whole being bound and provided with strengthening tapes, substantially as specified.

LOUIS BLOOM.

Witnesses:

VICTOR LEVI,
LOUIS BERGL.