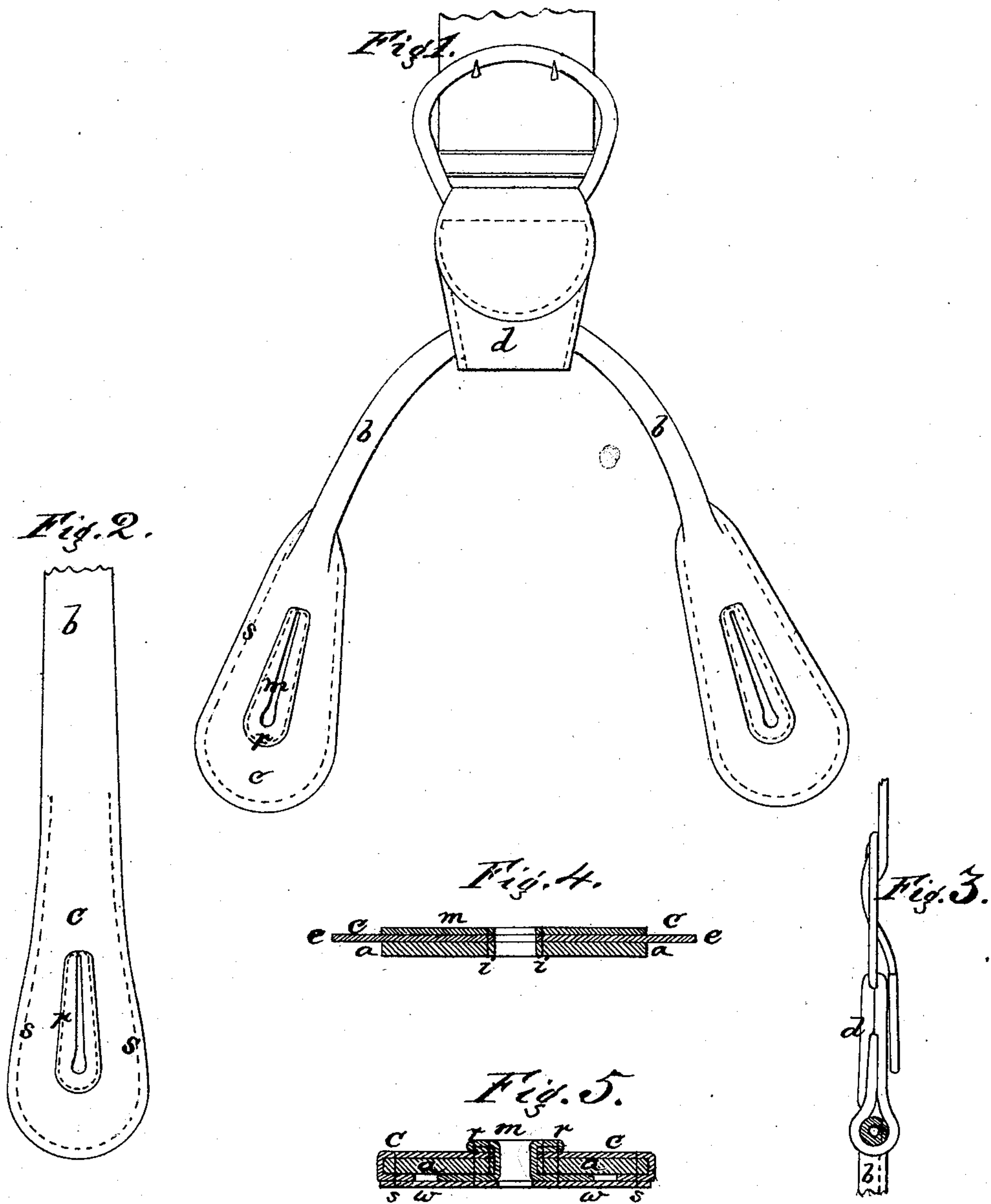


T. J. FLAGG.
Suspenders.

No. 144,970.

Patented Nov. 25, 1873.



Witnesses
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN SUSPENDERS.

Specification forming part of Letters Patent No. **144,970**, dated November 25, 1873; application filed July 28, 1873.

To all whom it may concern:

Be it known that I, THOMAS J. FLAGG, of the city, county, and State of New York, have made an invention of a new and useful Improvement in Suspenders; and that the following is a full, clear, and exact description and specification of the same.

The object of my invention is to produce strong ends of suspenders having thin woven-cloth surfaces, ornamental in appearance, and durable, particularly at the button-holes, which are greatly liable to fray with use. To this end my invention consists of a suspender-end having a strong core of leather, or similar material, a facing of thin woven cloth, a backing of kid, or similar material, and the button-hole overlaid with kid, the whole combined in such manner that the raw external edge of the woven face is covered with backing, and the raw edge of the woven face at the button-hole is concealed and protected from wear by the kid button-hole lining, while the core is concealed from view, and may therefore be made of low-priced, strong leather, which would impair the appearance and sale of the article if it were exposed to view, and might soil the clothing.

My invention may be fully understood by reference to the accompanying drawings, representing an example of suspender-ends embodying it, and by the following description.

In said drawings, Figure 1 represents a view of a pair of suspender-ends complete, and the loop by which they are connected with a buckle. Fig. 2 represents a face view of part of the ends before the body is rounded. Fig. 3 represents an edge view of the said loop. Figs. 4 and 5 represent sections of the suspender-end greatly enlarged.

In order to construct such suspender-ends, a flat core, *a*, (see Fig. 4,) of strong leather is cut into the required form by suitable dies. To the face side of this core is applied a piece of the woven-cloth face *c*, also cut into shape, but of larger size than the core, so that the external raw edges *e e* of the cloth can be lapped around the edge of the core. There is also applied upon the cloth a piece, *m*, of kid,

about twice as long as the button-hole, and with its flesh side outward. The three parts thus described are sewed together around the button-hole by a line of stitching, *i*, Fig. 4. Then the edges of the piece of kid are turned in through the button-hole and pasted down to the rear side of the core, so as to reverse the exposed face of the kid and bring its grain side outward. The external edges of the woven cloth are lapped over the outer edge of the core, and secured to its back by paste, and the kid backing *w* is pasted upon the back of the suspender-end. All the four parts are then securely fastened by a line of stitching, *r*, round the button-hole, and a line of stitching, *s*, along the edge of the article. In order to equalize the strain upon the ends of a pair, I round the connecting portion *b* by bringing its two edges together and securing them to each other by stitching. I also inclose them in a loop, *d*, by means of which the pair is connected with the buckle of the front end of the shoulder-strap, or with the rear end of the shoulder-strap. This loop is made by preference of a core of strong leather covered with cloth and lined with kid, and its form is adapted to its position in the suspenders. It receives the rounded connecting portion of the pair of ends, and permits them to adjust themselves to the strain by the movement of the said rounded portion in the loop.

I claim as my invention—

The suspender-end before described, consisting of the combination of the concealed core *a*, the cloth facing *c*, turned over the edge of the core, the button-hole lining *m*, protecting and concealing the edges of the cloth face and the core at the button-hole, and the backing *w*, covering and concealing the raw turned-in edge of the face, substantially as before set forth.

Witness my hand this 22d day of July, A. D. 1873.

THOS. J. FLAGG.

Witnesses:

R. S. HAYWARD,
SIM D. CONKLIN.