

W. F. OSBORNE & S. H. BALDWIN.
Suspender-Button End.

No. 219,300.

Patented Sept. 2, 1879.

Fig-1.

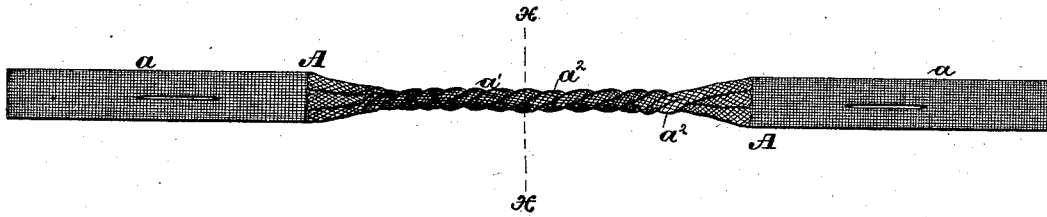
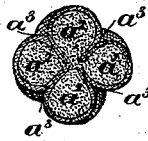


Fig-2.



WITNESSES-

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UNITED STATES PATENT OFFICE.

WILBUR F. OSBORNE AND STEPHEN H. BALDWIN, OF ANSONIA, CONN.

IMPROVEMENT IN SUSPENDER BUTTON-ENDS.

Specification forming part of Letters Patent No. **219,300**, dated September 2, 1879; application filed June 27, 1879.

To all whom it may concern:

Be it known that we, WILBUR F. OSBORNE and STEPHEN H. BALDWIN, of Ansonia, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Suspender Button-Straps, of which the following is a specification.

This invention relates to certain improvements in suspender button-straps of that class having flat ends and a contracted intermediate or central portion. Heretofore this contracted portion has been constructed of a single cylindrical core surrounded by a woven tubular casing or covering. By this construction the tubular portion lacks rigidity or body, and, in consequence, is liable to lump at the center when bent, which impairs its appearance and renders it liable to rapidly wear at such lumped portion.

The object of our invention is to obviate these defects; and to this end it consists in a button-strap or suspender-end constructed with flat woven ends, and with an intermediate or central portion composed of two or more woven strands, the whole being woven in one piece, as more fully hereinafter specified.

In the drawings, Figure 1 represents an elevation of our improved button-strap or suspender-end, having its central portion woven in separate strands; Fig. 2, a cross-section of the contracted portion of the same between the two ends.

The letter A indicates the button-strap or suspender-end complete. The letter *a* indicates the flat ends of the button-strap or sus-

pender-end, and *a*¹ the contracted intermediate or central portion. This portion is composed of a series of strands, *a*², surrounded by an intermediate covering, *a*³, which may be subsequently twisted so as to form an approximately cylindrical central or intermediate portion between the two ends.

The button-holes in the flat ends are preferably formed during the operation of weaving, and the edges selvaged at the same time, or they may be formed afterward and overseamed, in the ordinary manner.

It will be perceived that in the button-strap or suspender-end as thus constructed the intermediate or central portions will possess sufficient body or rigidity to prevent such portion from lumping when bent, so that its appearance will not be impaired, and a more durable article will be produced.

What we claim is—

As a new article of manufacture, a button-strap for suspenders or suspender-ends having flat ends and an intermediate or central portion composed of a series of strands, the whole being formed of woven fabric in one and the same piece, substantially as specified.

In testimony that we claim the foregoing we have hereunto set our hands in the presence of the subscribing witnesses.

WILBUR F. OSBORNE.
STEPHEN H. BALDWIN.

Witnesses:

FRANKLIN BURTON,
ADOLPH W. KING.