W. B. Cargill.

Corset.

No. 99,633 Patented Feb. 8 1870

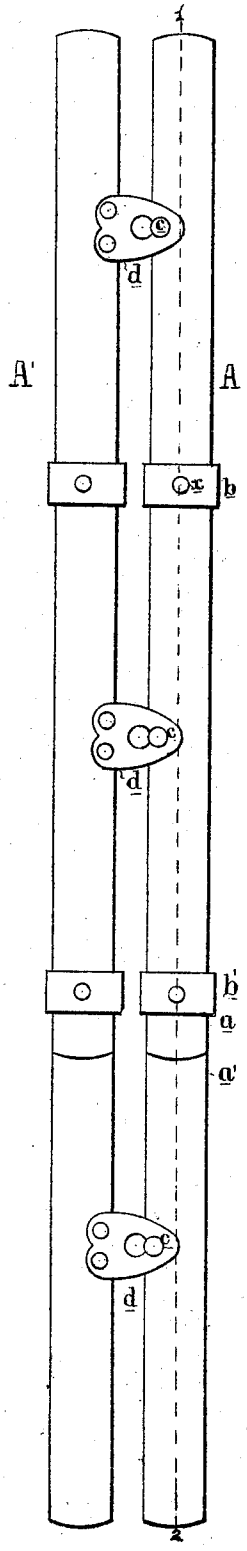


Fig. 1.

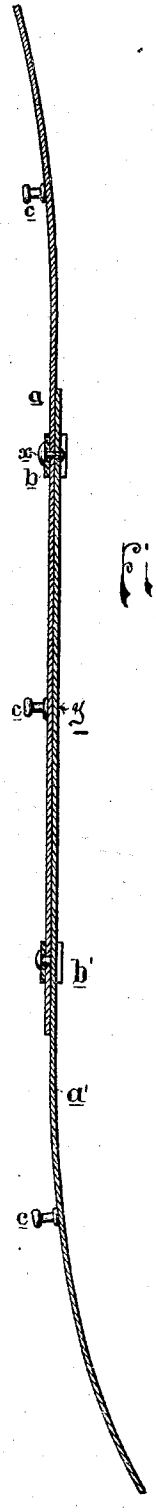


Fig. 2.

Witnesses.
Francis E. Harrison
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United States Patent Office.

WILLIAM B. CARGILL, OF WATERBURY, CONNECTICUT.

Letters Patent No. 99,633, *dated February* 8, 1870.

IMPROVEMENT IN CORSET-FASTENINGS.

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

I, WILLIAM B. CARGILL, of Waterbury, county of New Haven, State of Connecticut, have invented an Improved Blade for Corset-Hooks, of which the following is a specification.

Nature and Object of the Invention.

My invention consists of a blade for corset-hooks, made of two flexible strips, the inner ends of which overlap and are secured together, as fully described hereafter, so that the blade shall possess both strength and flexibility.

Description of the Accompanying Drawing.

Figure 1 represents a corset-hook, with my improved blade, and

Figure 2, a section on the line 1–2, fig. 1.

General Description.

A A′ are the two blades of a corset-hook, each blade consisting of two thin flexible strips *a a′* of steel, the inner end of the strip *a* overlapping the end of the strip *a′*, as shown in the drawing.

Metal clasps *b b′*, secured to one strip, and embracing the other, prevent any lateral movement of the strips independently of each other, the rivet *x*, which secures the clasp *b* in the present instance, passing through the strip *a*, and also through the strip *a′* near one end of the latter, securing the two strips permanently together at this point.

On the blade A are the usual pins *c*, adapted to openings in plates *d*, secured to the blade A′.

The blades of ordinary corset-hooks are generally either too stiff and unyielding, or if sufficiently flexible, are not of sufficient strength, and therefore fracture very readily, objections which it has unsuccessfully been attempted to obviate by rivetting an additional piece to a thin blade near the centre of the same.

The blade above described, at the ends where comparatively little stiffness is required, is extremely flexible, but at the centre the two thicknesses of metal impart the requisite rigidity.

It will be seen, however, that although the overlapping of the two strips greatly stiffens the blade at the centre, the latter portion is not inflexible, inasmuch as the strips are connected only at a single point, *x*, so that when pressure is applied to bend the blade, the free overlapping end of the strip *a* has such a play or movement on the blade *a′*, as will permit it to accommodate itself to the other blade, and not resist to too great a degree the movement of the latter. Instead of securing the two strips together, near the end of the strips *a′*, a rivet may be inserted at or near the point *y*, so that the overlapping end of each strip may yield to the movement of the strip on which it bears.

Claims.

1. A blade for corset-hooks, consisting of two flexible strips, *a a′*, the inner ends of which overlap, and are rigidly connected to each other at a single point, substantially as described.

2. The combination of the two flexible strips *a a′*, permanently secured together at a single point, and a clasp or its equivalent, arranged to retain the overlapping end of one strip in contact with the other, without preventing the sliding or play of the said strip, as specified.

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

W. B. CARGILL.

Witnesses:

FRANCIS E. HARRISON,

HORATIO S. HUTCHINSON.