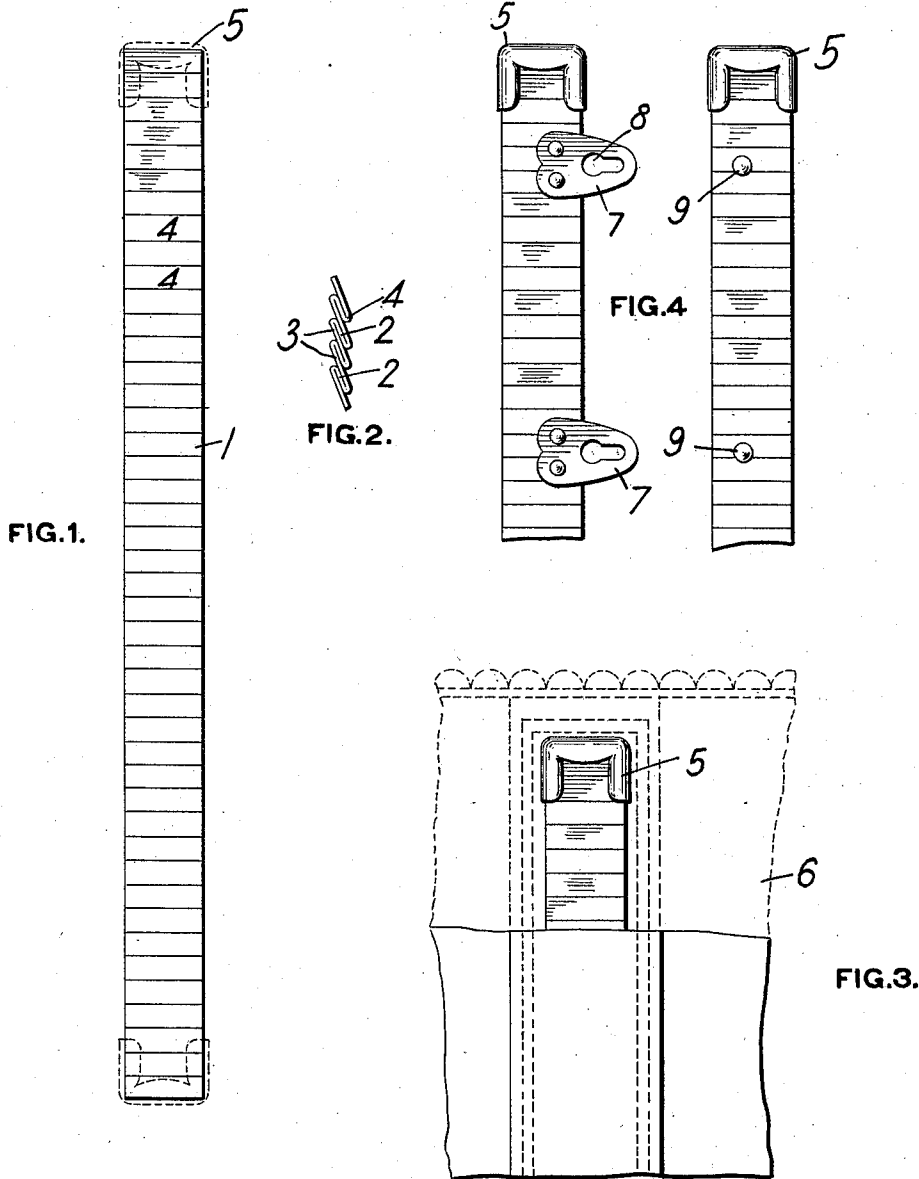


M. M. BEEMAN.
GARMENT STAY.

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1,053,469.

Patented Feb. 18, 1913.



WITNESSES
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UNITED STATES PATENT OFFICE.

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GARMENT-STAY.

1,053,469.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MARCUS M. BEEMAN, a resident of Meadville, in the county of Crawford and State of Pennsylvania, have invented a new and useful Improvement in Garment-Stays, of which the following is a specification.

This invention relates to stays for garments and the like and more particularly to corset stays and clasps.

The object of the invention is to provide a stay of simple construction which is cheap to manufacture, which is perfectly flexible, and which is not liable to break or become permanently bent or set.

The invention comprises a stay of the construction hereinafter described and claimed.

In the accompanying drawings Figure 1 is a face view of a stay constructed according to the invention; Fig. 2 is an edge view of the same; Fig. 3 is a face view illustrating a part of the stay and its casing; and Fig. 4 is a face view of the stay showing the same adapted as a clasp.

The stay is formed from a strip or ribbon of metal 1 of suitable width and thickness which is folded repeatedly on itself to form a series of overlapping folds or plaits. The strip is folded transversely and alternately in opposite directions, as indicated in Fig. 2, with the short portions 2 and long portions 3 occurring alternately so as to form a series of folds or plaits 4 overlapping one another sufficiently to extend practically opposite the point of the plait or the opposite side face of the stay. This arrangement provides symmetrically arranged plaits disposed in the same relation on each face of the stay and provides at least three thicknesses of metal at all points.

The stay described is perfectly flexible and the bending movements are not concentrated at any one point so that crystallization and breakage are not liable to occur. Neither will the stay take a permanent set, but will always return to normal position.

The stay can be quickly and cheaply man-

ufactured from suitable metal which is tempered after bending. It is thin and flat and is not harsh or hard to the touch and can be used in all relations where a whale-bone stay is usable. The end of the stay may be finished by having a sheet metal tip 5 applied thereto, or the end of the strip itself may be bent over to give the finish. The stay is inclosed in the usual casing 6, which usually forms a portion of the fabric of the corset or other garment. When used as a clasp the stay will have applied thereto suitable plates 7 which are provided with key hole openings 8 adapted to take over headed studs 9 on the other stay. These plates can be secured to the stay by means of rivets.

What I claim is:

1. A garment stay comprising a metal strip or ribbon folded repeatedly transversely on itself to form a series of overlapping folds or plaits, said folds or plaits being at acute angles to the longitudinal plane of the stay.

2. A garment stay comprising a metal strip or ribbon folded successively transversely on itself and at regular intervals and alternately in opposite directions to form a series of symmetrically arranged folds or plaits all facing in the same direction and lying at an acute angle to the plane of the stay.

3. A garment stay comprising a metal strip or ribbon folded successively transversely on itself to form a series of overlapping folds or plaits lying at an acute angle to the plane of the stay, and with the distance between folds such that there are not less than three thicknesses of metal at any point.

In testimony whereof, I have hereunto set my hand.

MARCUS M. BEEMAN.

Witnesses:

J. H. PARDEE,
E. E. FOWLER.