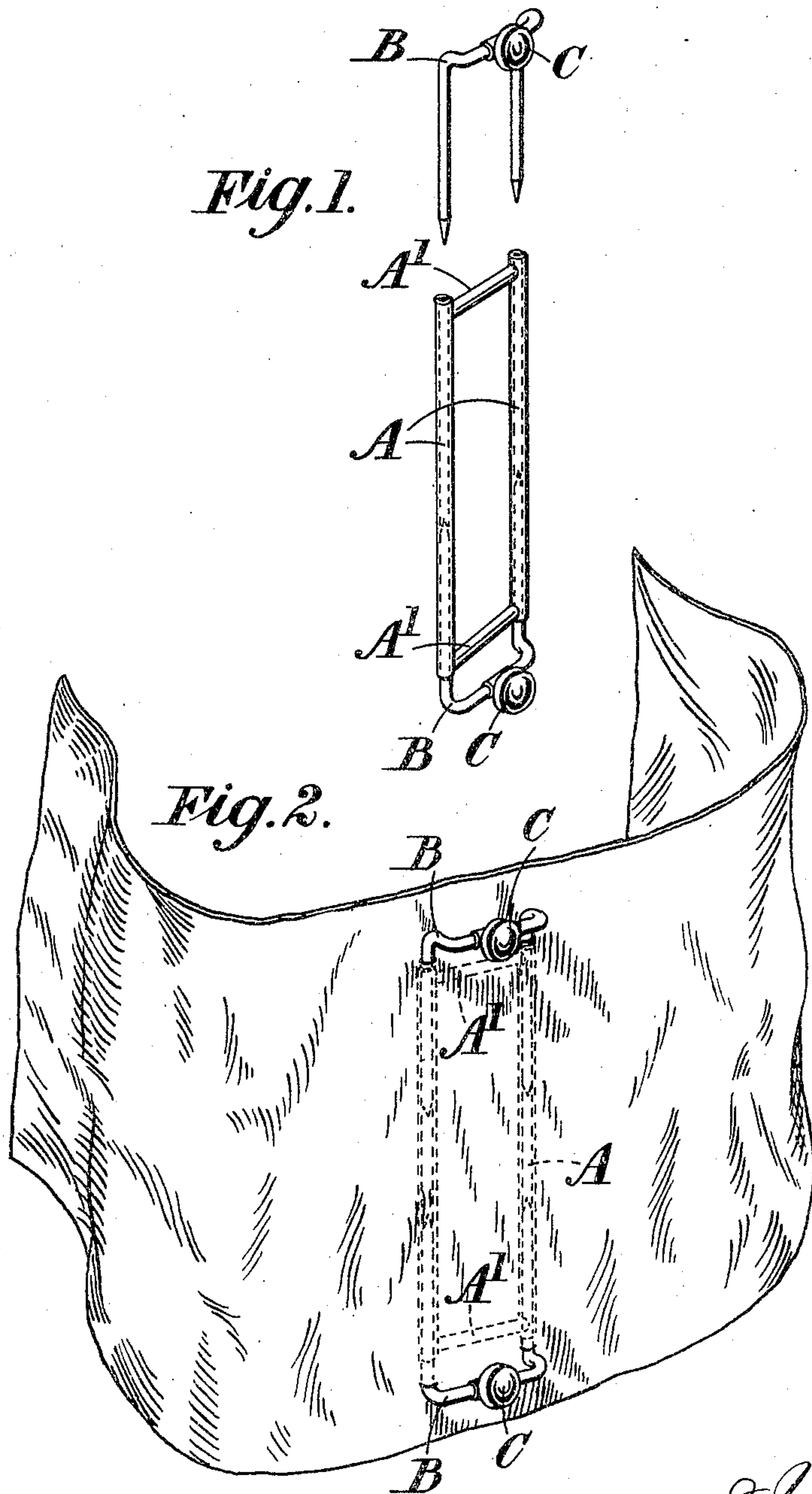


No. 789,862.

PATENTED MAY 16, 1905.

F. M. LILLEY.
SPREADING DEVICE FOR NECKBANDS OR COLLARS.
APPLICATION FILED OCT. 3, 1904.



Witnesses:
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UNITED STATES PATENT OFFICE.

FLORENCE MARY LILLEY, OF EALING, ENGLAND.

SPREADING DEVICE FOR NECKBANDS OR COLLARS.

SPECIFICATION forming part of Letters Patent No. 789,862, dated May 16, 1905.

Application filed October 3, 1904. Serial No. 227,009.

To all whom it may concern:

Be it known that I, FLORENCE MARY LILLEY, a subject of the King of England, residing at Ealing, county of Middlesex, England, have
5 invented certain new and useful Improvements in Spreading Devices for Neckbands or Collars, of which the following is a specification.

This invention relates to spreading devices for flexible material, and has more particularly
10 for its object to assist in maintaining bands, strips, or pieces of fabric in a flat state—such, for example, as neckbands or collars for ladies' dress.

According to this invention the spreader
15 comprises a body portion composed of two longitudinal members, conveniently in the form of tubes, disposed approximately parallel to each other and connected together by transverse members of convenient dimensions.
20 Into the ends of the tubes are inserted pins, which are either separate or formed in pairs. In use the spreader is placed at the back of the band of material and the pins passed through this material into the ends of the tubes. The
25 transverse members connecting the tubes form shoulders which prevent the material from slipping down the tubes, and the pins are provided with heads or are bent over or connected together so that a shoulder is formed to prevent
30 the material from slipping over their ends.

One form of spreader is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the device
35 by itself, and Fig. 2 shows the same applied to a piece of material.

Like letters indicate like parts throughout the drawings.

The spreader comprises two parallel tubes
40 A, connected by cross-struts A' at the ends. These connected members form the body portion of the spreader, and into the open ends of the tubes double pins B, made somewhat in the form of staples, are fitted. The pins are
45 held in place by friction only, so that they constitute detachable end pieces which can be easily withdrawn or inserted, as desired. The body portion of the spreader is intended to lie behind the fabric required to be stiffened
50 or retained in an extended state, while the

double or multiple pins B are inserted from the opposite side of the fabric into the ends of the tubes, as clearly shown in Fig. 2.

The transverse members A' are preferably placed as near the ends of the sockets formed
55 by the open ends of the tubular members A as is convenient, so that they form shoulders to these members and prevent the material from slipping down the spreader. Similarly, to prevent the material from slipping over the
60 ends of the pins these are bent over at their free ends, as clearly shown in the drawings, or connected together to form a single double pin, which may or may not be bent over at the end, as shown in the drawings. It will thus
65 be seen that this bent or connecting piece between the two pins constitutes a shoulder to retain the material in place.

The pins or any other part of the spreader may be ornamented in any convenient manner,
70 as indicated at C.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a detachable spreading device for maintaining neckbands and other pieces of
75 flexible material in an extended state the combination of a body portion comprising a longitudinal member having a socket at each end, a shoulder near the end of each socket, a detachable pin adapted to slide into each socket
80 and be retained therein by frictional contact and a shoulder on the free end of each pin, substantially as set forth.

2. In a detachable spreading device for maintaining neckbands and other pieces of
85 flexible material in an extended state the combination of a body portion comprising a longitudinal member having a plurality of sockets at each end arranged side by side, a shoulder at each end of the body member on one
90 or more of the sockets and a plurality of pins one apportioned to each socket, those for one end of the member being connected together to form a single detachable piece and those for the other end of the member being simi-
95 larly connected together, substantially as set forth.

3. In a detachable spreading device for maintaining neckbands and other pieces of flexible material in an extended state the com-
100

bination of a body portion comprising a plurality of parallel longitudinal members A having sockets at their ends, transverse members A' connecting the members A together and forming shoulders at their ends and a plurality of pins B adapted to slide into the sockets of the members A, the pins for each end of the member being connected together so that the connecting portion forms a shoulder at one end, substantially as set forth.

4. In a device of the character described, the combination with a body portion comprising a longitudinal member having a socket at

one end, a shoulder near each end of the said member, a detachable pin adapted to slide into the socket and be retained therein by frictional contact and a shoulder on the free end of the pin.

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

FLORENCE MARY LILLEY.

Witnesses:

THOMAS LILLEY,
R. WESTACOTT.