No. 679,993. Patented Aug. 6, 1901.

J. G. ROSS & H. M. TAGGART.

ADJUSTABLE ADHESIVE SUPPORTING PLASTER OR BANDAGE.

(Application filed May 11, 1901.)

(No Model.)

Fig. 1.

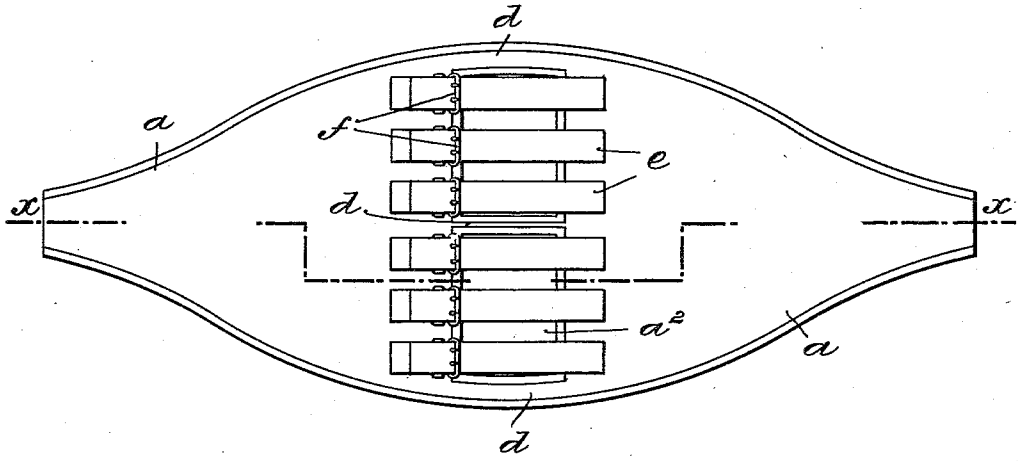


Fig. 2.

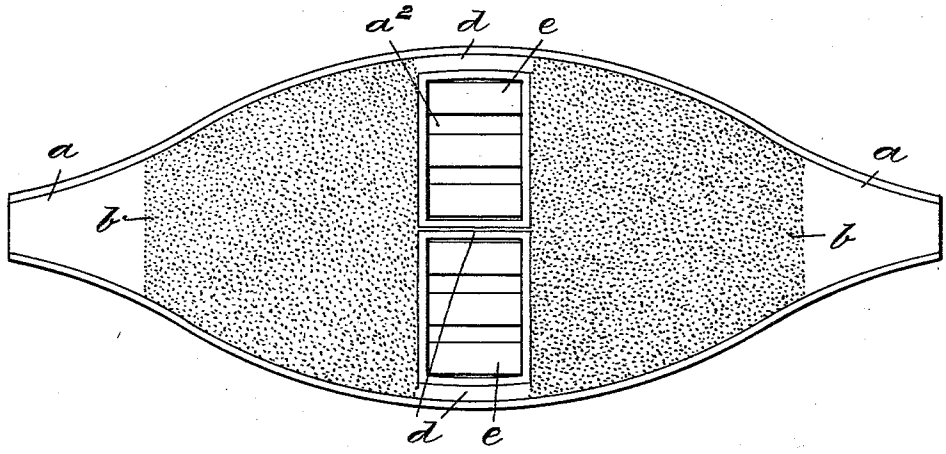
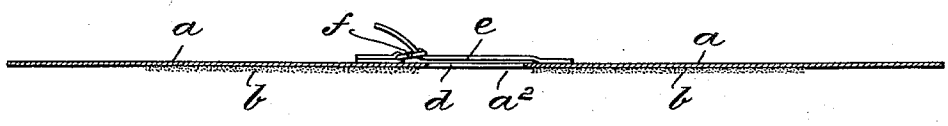


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN G. ROSS AND HOWARD M. TAGGART, OF PHILADELPHIA, PENNSYLVANIA.

ADJUSTABLE ADHESIVE SUPPORTING PLASTER OR BANDAGE.

SPECIFICATION forming part of Letters Patent No. 679,993, dated August 6, 1901.

Application filed May 11, 1901. Serial No. 59,774. (No specimens.)

To all whom it may concern:

Be it known that we, JOHN G. ROSS and HOWARD M. TAGGART, citizens of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Adhesive Supporting Plasters or Bandages, of which the following is a specification.

Our invention has relation to an adjustable adhesive plaster or bandage designed to support or fix certain muscular parts of the body during medical treatment, and in such connection it relates to the construction and arrangement of the parts constituting the plaster or bandage.

The principal objects of our invention are, first, to provide an adhesive plaster or bandage of simple construction designed when appropriately placed upon the body to support and fix the muscular parts to which it is attached and adjustable when in position to take up or relieve the muscular parts from strain, and, second, to provide an adhesive plaster or bandage arranged in sections, contiguous sections being separated by a non-adhesive portion of the plaster or bandage and provided with flexible means for adjusting the sections with relation to each other, so that contiguous adhesive sections may be drawn together or permitted to separate.

The nature and scope of our invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is a rear elevational view of a plaster or bandage embodying main features of our invention. Fig. 2 is a front view of the same, and Fig. 3 is a sectional view on the line x x of Fig. 1.

Referring to the drawings, a a represent the two sections of the plaster or bandage separated in the preferred form by an oblong recess or slot a^2. The two sections a a have adhesive faces b b and are joined together at contiguous sides by straps d, of non-adhesive material, which is also preferably inelastic. The sections a a are also connected by straps or bands e, of suitable elastic material, which span the opening or recess a^2 and engage buckles or other fastenings f, connected with one section, the straps or bands e being connected with the other section, as clearly illustrated in Figs. 1 and 3. The opening or recess a^2 in the non-adhesive portion of the bandage or plaster permits of ready inspection or treatment of parts between the supported parts of the body without removing the plaster or bandage.

In use the adhesive faces b b are placed upon the parts of the body to be supported or fixed and the flexible straps or bands e tightened to bring the sections a a of the plaster or bandage toward each other, and consequently to bring the supported parts of the body toward each other. This adjustment of the sections a a is readily gaged by the non-adhesive inelastic straps d, which as the sections a approach each other more and more will bulge upward to indicate the movement of the sections a and the consequent movement of those parts of the body to which the faces b of the plaster or bandage adhere. The elastic straps e exert a constant tension upon the parts of the body and yet yield sufficiently to extraordinary displacement of the parts to flexibly yet firmly support or fix those parts. The plaster or bandage sections may readily be slackened or withdrawn from each other by unloosening the straps e, and hence the plaster or bandage can readily be drawn together, tightened, slackened or otherwise adjusted by a ready manipulation of the flexible straps e, while the plaster or bandage adheres to the body and without disconnecting or unloosening the adhesive faces b from the parts to which they adhere.

Our plaster or bandage will be found efficacious when used for any of the following purposes, viz: for the treatment of pleurisy, lumbago, sprains, weak backs, or dislocated or fractured ribs, collar-bones, and the like.

Having thus described the nature and objects of our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. An adhesive supporting plaster or bandage, comprising two or more sections, each having an adhesive face, the contiguous edges of adjacent sections being connected by non-adhesive inelastic material, and adjustable

elastic connections between the adjacent sections adapted to tighten or slacken the sections toward or away from each other when said sections adhere to the parts to be supported.

2. An adhesive supporting plaster or bandage, comprising two or more sections, each having an adhesive face, non-elastic and non-adhesive straps connecting the contiguous edges of adjacent sections together, and elastic take-up straps also connecting said edges, said elastic straps comprising means for adjusting the sections toward or away from each other, while adhering to the parts to be supported, and said non-elastic and non-adhesive straps constituting means for gaging the movement of the sections and supported parts toward or away from each other.

In witness whereof we have hereunto set our signatures in the presence of two subscribing witnesses.

JOHN G. ROSS.
HOWARD M. TAGGART.

Witnesses:
J. WALTER DOUGLASS,
THOMAS M. SMITH.