

No. 688,354.

Patented Dec. 10, 1901.

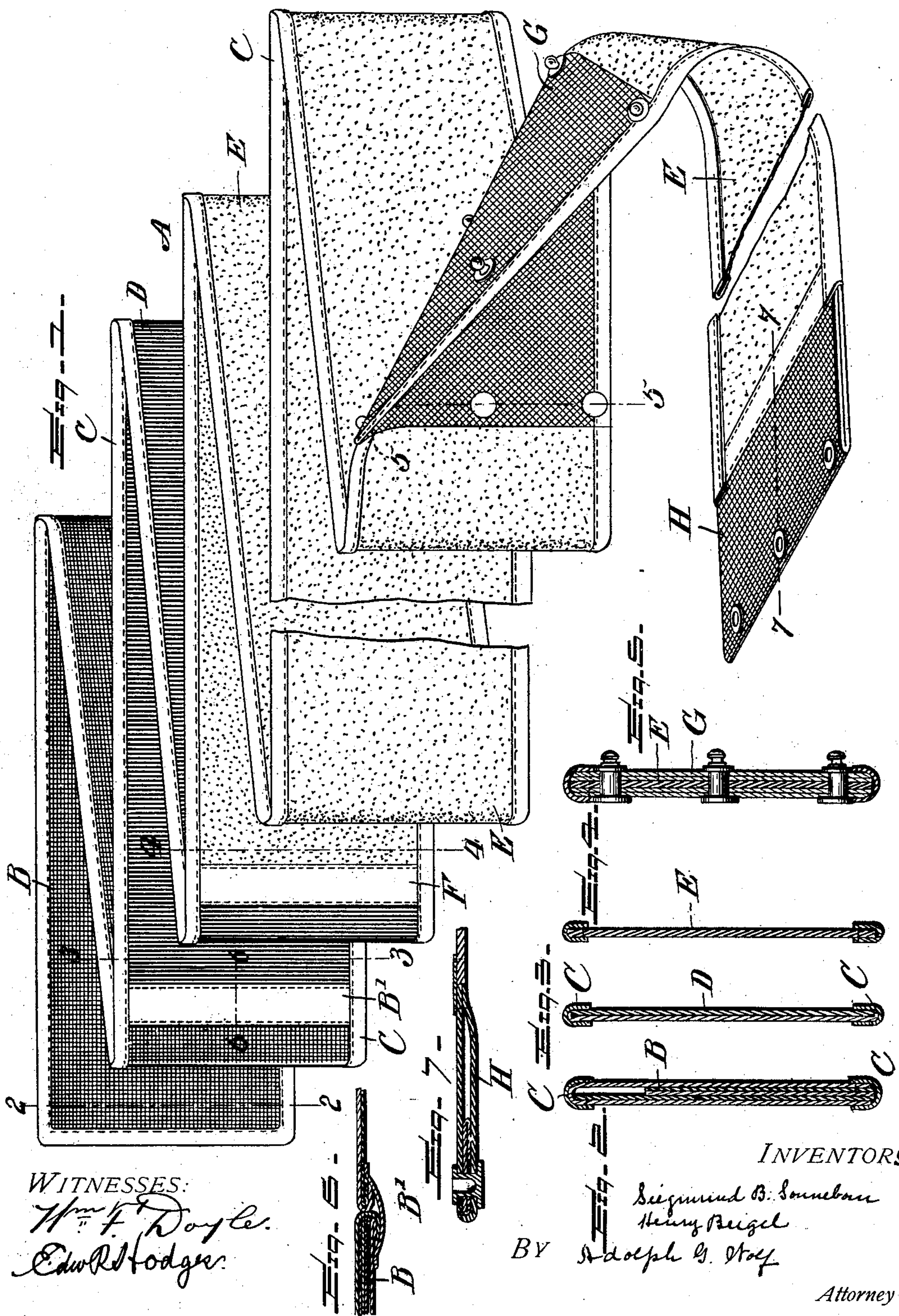
S. B. SONNEBORN & H. BEIGEL.

BANDAGE OR COMPRESS.

(Application filed Jan. 7, 1901.)

(No Model.)

2 Sheets—Sheet 1.



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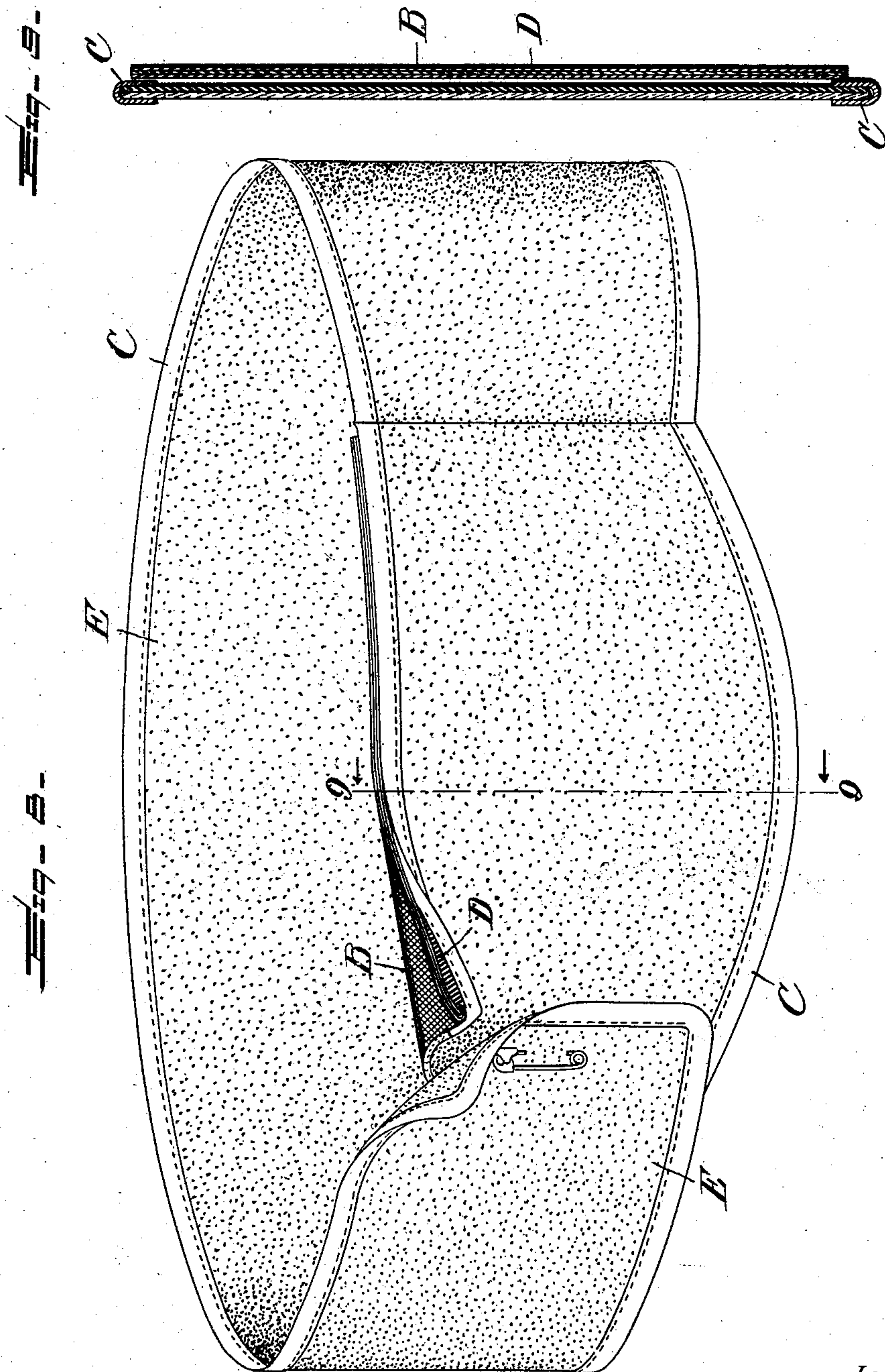
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(Application filed Jan. 7, 1901.)

(No Model.)

2 Sheets—Sheet 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SIEGMUND B. SONNEBORN AND HENRY BEIGEL, OF BALTIMORE, MARYLAND, ASSIGNORS TO THE STAFFORD HYDROPATHIC COMPANY OF BALTIMORE CITY, A CORPORATION OF MARYLAND.

BANDAGE OR COMPRESS.

SPECIFICATION forming part of Letters Patent No. 688,354, dated December 10, 1901.

Application filed January 7, 1901. Serial No. 42,401. (No model.)

To all whom it may concern:

Be it known that we, SIEGMUND B. SONNEBORN, a citizen of the United States, and HENRY BEIGEL, a subject of the Emperor of Germany, both residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Bandages or Compresses, of which the following is a description, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Our invention relates to an improvement in bandages or compresses adapted particularly for use in the hydropathic treatment of diseases; and it consists in a compress or similar bandage constructed as hereinafter described, and referred to in the appended claims.

In the accompanying drawings, which illustrate the invention, Figure 1 represents in perspective and arranged in loose folds the compress or bandage as a whole. Fig. 2 is a section on line 2 2 of Fig. 1. Fig. 3 is a section on the line 3 3 of Fig. 1. Fig. 4 is a section on the line 4 4 of Fig. 1; Fig. 5, a section on line 5 5 of Fig. 1; Fig. 6, a section on line 6 6 of Fig. 1, and Fig. 7 is a section on line 7 7 of Fig. 1. Fig. 8 represents the invention applied to an abdominal bandage, and Fig. 9 is a cross-section of Fig. 8.

In the drawings, A represents a compress as a whole, which is composed of the section B, formed of layers or thicknesses of linen or other absorbent material, to which section the drug or water to be used on the body is applied. Adjoining this and with the two ends secured together by a suitable transverse tape B' and by suitable longitudinal binding-bands C is a section D, formed of an inner facing of oil-silk, oil-muslin, rubber, or like waterproof material, while similarly secured to the section D by the tape F and also bound on the edges, as above described, is a third section E, of eiderdown flannel, cotton-flannel, or fleece-lined fabric of any suitable character, to which at its outer end is fastened a strip of elastic material G, having members of the fastening device secured thereto. At a point a suitable distance from the edge of the third section are secured reinforcing-pieces H, hav-

ing fastening devices secured thereto, which are complementary to the fastening devices above referred to.

In practice the section B is soaked with water or has applied to it the medicine which it is desired to use. This section is wrapped around the throat or whatever portion of the body it is desired to treat. In the further wrapping of the bandage around the body the oil-silk or waterproof section D fully embraces the first section, preventing the escape of the water or medicine used, while the third section, which is preferably of sufficient length to wrap more than once around the throat or other portion of the body, is of the material above described to produce great warmth, the whole bandage being secured in position by means of the fastening devices shown.

As above intimated, it will be understood that we do not wish to be limited to the application of the device as a mere compress; but its use as a bandage we claim as well, and, furthermore, we do not wish to be limited to the exact materials used, so long as it combines the sections for, first, applying the medicine to the particular part to be treated, then the waterproof section overlapping the same, and finally the heat-producing section.

In so far as we know we are the first to manufacture a compress or bandage constructed as shown.

Fig. 8 represents the invention as applied to an abdominal bandage, the parts being arranged substantially as above described, except that it is of different shape and folded differently, the part to which the drug is applied and the waterproof part not passing entirely around the body, but only resting thereon, while the waterproof part has an external layer of flannel, and the flannel section passes entirely around the body and is secured to that section of flannel which covers the waterproof section.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

1. A bandage or compress, formed of a section of absorbent material, a section of waterproof material secured at one end to one end

of the section of absorbent material, and a section of heat-producing material secured at one end of said section of waterproof material, said sections forming a continuous longitudinal strip, with means for fastening the device in position; substantially as described.

2. A bandage or compress, composed of a section of absorbent material, a second section of oil-silk, and a third section of flannel, to generate heat, said latter section being of length sufficient to entirely surround the other two sections when in position, said sec-

tions being suitably secured together at adjacent ends, and the whole forming a continuous longitudinal strip, and suitable binding strips for the edges; substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

SIEGMUND B. SONNEBORN.

HENRY BEIGEL.

Witnesses:

WM. H. H. RALEIGH,
S. RAWLS.