

C. W. Armstrong,

Compress.

No. 97,265.

Patented Nov. 30. 1869.

Fig. 1.

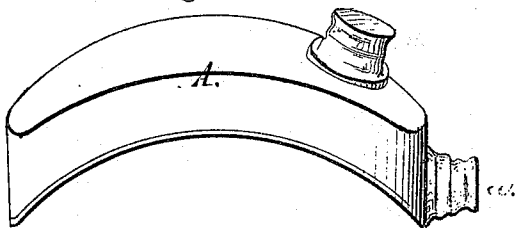
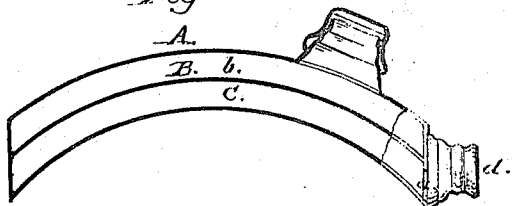


Fig. 2.



WITNESSES:

H. F. Eberts
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INVENTOR:

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by
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CHARLES W. ARMSTRONG, OF DETROIT, MICHIGAN, ASSIGNOR TO HIMSELF AND THOMAS H. ARMSTRONG, OF SAME PLACE.

Letters Patent No. 97,265, dated November 30, 1869.

IMPROVED COMPRESS.

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

To whom it may concern:

Be it known that I, CHARLES W. ARMSTRONG, of Detroit, in the county of Wayne, and State of Michigan, have invented a new and useful Improvement in Compress; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

Figure 1 is a perspective view of my invention.

Figure 2 is a transverse section of the same.

Like letters refer to like parts in each figure.

The nature of this invention relates to the construction of a compress, by means of which hot water and other like applications may be made to the human form, and consists in providing within said compress a chamber, which may be filled with heated sand, or similar matter, for the purpose of preventing the heated liquid with which the compress is filled, from cooling too rapidly.

In the drawings—

A represents the outer shell of the compress, which should be made of the proper shape to fit any desired portion of the human frame. This shell should be made water-tight, and be provided with a proper opening, through which to fill and empty the compress. This opening may be stopped by a cap, *a*, cork, or other convenient device.

B is a tight diaphragm, secured in such a manner as to divide the compress into two distinct and sep-

arate chambers, *b* and *c*, the chamber *b* being designed to be filled with sand, or other appropriate material, for the purpose hereinbefore described, while the chamber *c* is to be filled with the heated liquid.

In using the compress, it is necessary to fill the chamber *c* with water or other liquid, heated to a degree which, at its first application, may be endured by the patient, and be beneficial.

At the time of filling chamber *c*, as above mentioned, the chamber *b* should be filled with sand, or other appropriate material, heated to a higher degree than the liquid in chamber *c*. It will be found, then, that the effect of the heat in chamber *b* will be to increase somewhat the temperature of the liquid in chamber *c*, which increase of heat may be endured by the patient after the first applications, and to maintain a more uniform temperature in chamber *c* than could be otherwise done.

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

As a new article of manufacture, the compress A, divided into the chambers *b* and *c*, by means of the diaphragm B, and provided with suitable inlet and outlet-openings, when constructed, arranged, and operating substantially as set forth and shown.

C. W. ARMSTRONG.

Witnesses:

JAS. I. DAY,
H. F. EBERTS.