

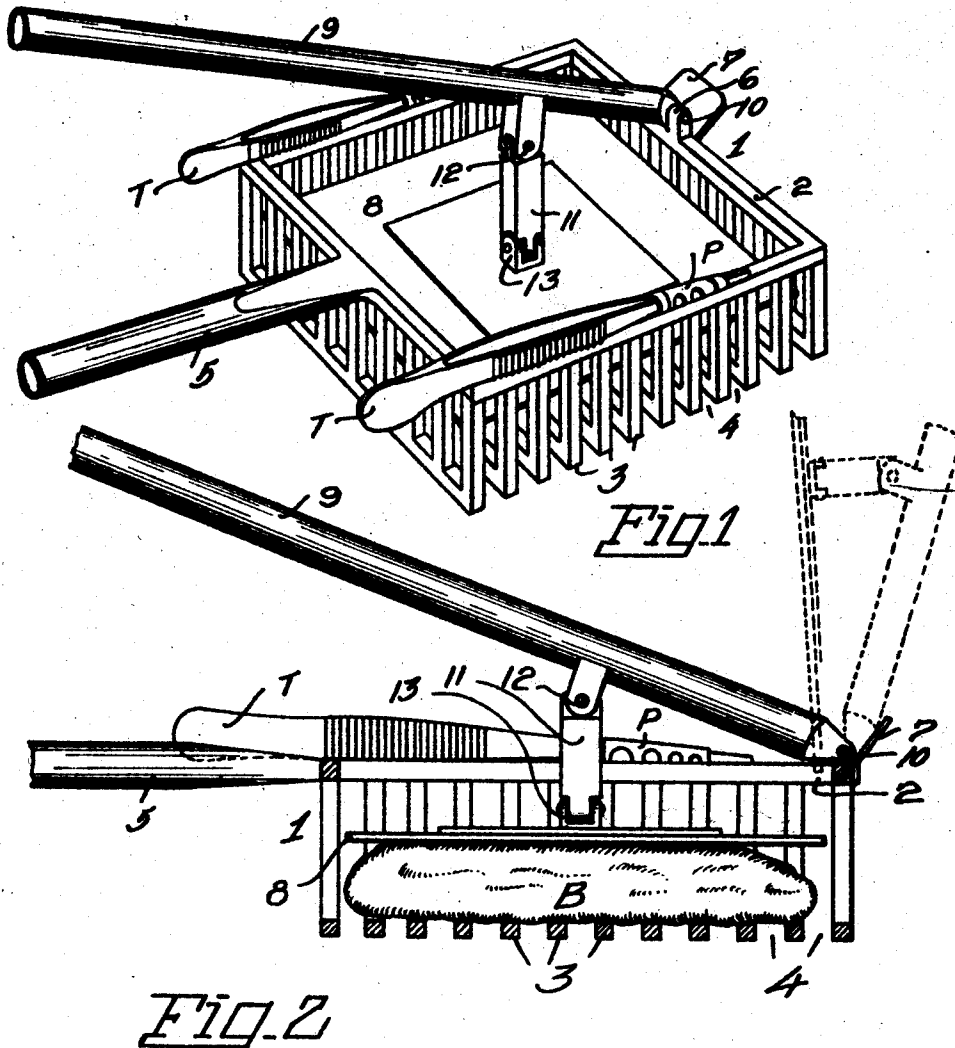
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E. C. ANDERSON

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COMPRESSOR

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UNITED STATES PATENT OFFICE.

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COMPRESSOR.

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To all whom it may concern:

Be it known that I, EMMA C. ANDERSON, a citizen of Sweden (first papers taken out to become a citizen of the United States), residing at Spokane, in Spokane County and State of Washington, have invented new and useful Improvements in Compressors, of which the following is a specification.

My present invention relates to improvements in compressors of the hand operated type and of that variety especially adapted for use in the sick room, hospital and similar places where a sanitary, moist, dressing or bandage is used as a surgical dressing.

The primary object of the invention is the provision of a device of this character by means of which excess moisture may be expressed from the bandage or dressing before the latter is applied for use. By the utilization of the device of my invention the bandage or dressing may be prepared in a sanitary manner and without contact from the hands of the attendant.

The device of the invention is comparatively simple in construction and operation, and because of its minimum number of parts the compressor may be manufactured at low cost of production, and is not likely to become deranged or inoperative.

The invention consists in certain novel features of construction and combinations and arrangements of parts as will hereinafter be more fully set forth and claimed.

In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention where in the parts are combined and arranged according to the best mode I have thus far devised for the practical application of the principles of my invention.

Figure 1 is a perspective view of the compressor in operative position.

Figure 2 is a view in side elevation and partly in section showing the mode of operating the device.

In carrying out my invention I utilize an open receptacle or basket indicated as a whole by the numeral 1, which may be of cast metal with polished sanitary surfaces, and while the basket may be of various shapes, the preferred form is as shown in the drawings where a rectangular shape is illustrated. The basket is provided at its open top with a continuous rectangular

frame bar or upper edge designated 2, and the body of the basket is fashioned of parallel, spaced ribs 3 which depend from the frame bar and extend across the bottom of the basket to form spaces or slots 4 therebetween. As seen in Figure 2 the basket is designed to receive a bandage as B, which bandage or dressing may be handled in sanitary manner by utilizing the tweezers T, which, when not in use, are conveniently carried in pockets P provided therefor in the upper face of the frame bar 2 of the basket. The bandage may be dipped in or impregnated with the required moist solution or medicament, or it may be soaked in hot water, before being deposited in the basket. Then, before application to the patient, the excess solution or excess water is expressed from the bandage or dressing by manipulation of the compressor.

The basket is provided with a fixed handle 5 which may be integral with the rectangular frame bar and projects therefrom for convenience in manipulating the basket. At the rear of the basket, and in line with the fixed handle, a pair of spaced perforated lugs 6 are fashioned on the frame bar, together with a stop plate or abutment 7 which is inclined slightly away from the basket. These lugs and the stop plate may also be cast integral with the basket.

For compressing the bandage as it is held in the basket as in Figure 2 I employ a flat, rectangular head 8 of a size and shape to fit neatly in the interior of the basket and adapted to bear upon the upperface of the bandage and squeeze or compress the bandage or dressing.

The compressor head is supported from a movable handle 9 which is pivoted at 10 in the perforated lugs 6 and this handle which is alined with the fixed handle 5 is used together with the handle 5 to hold and operate the compressor by the manipulation of the hands. Between the movable, pivoted handle and the compressor head is arranged a link 11 which is pivoted at 12 to the handle 9 and pivoted at 13 to the head 8, the axis of these two pivots being arranged at right angles to afford relative movement of the handle 9 with relation to the head or vice versa, whereby the head will lie flat on the top of the bandage regardless of irregularities therein, and when

the handle 9 is manipulated, the head will express excess moisture from the bandage.

The tweezers of course are used for sanitary purposes in depositing the moistened bandage in the basket and for withdrawing the compressed bandage from the basket. When not in use, the handle 9 is turned back to dotted line position, as indicated in Figure 2, to permit convenient manipulation in depositing the bandage or dressing in the basket. Then the head is swung by means of the handle 9 to operative position and pressure on the head through handle 9 causes the bandage to be compressed for the purpose desired. By turning back the handle 9 the head is lifted out of the basket, thereby giving ready access to the bandage for the tweezers T which are manipulated in usual manner.

All parts of the device of course are made up of sanitary parts that may readily be cleansed, the parts may be manipulated with facility and convenience, and it will be apparent that by means of the device the

bandage or dressing may with dispatch and thoroughness be prepared for use.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is:—

1. The combination with a rectangular basket having a fixed handle, of an aligned, pivoted handle on the basket, a compressor head, and a link pivotally connecting said head and pivoted handle, said link having pivots at its ends located in planes at right angles one to another.

2. The combination with a rectangular basket comprising spaced, parallel ribs, and a rectangular top frame bar, and a handle integral with said frame bar, of a pair of perforated lugs and an abutment plate on said frame bar, a handle pivoted in said lugs, a flat rectangular head, a link pivotally connecting said pivoted handle and head and said link having its pivots disposed in planes at right angles.

In testimony whereof I affix my signature.
EMMA C. ANDERSON.