

No. 679,980.

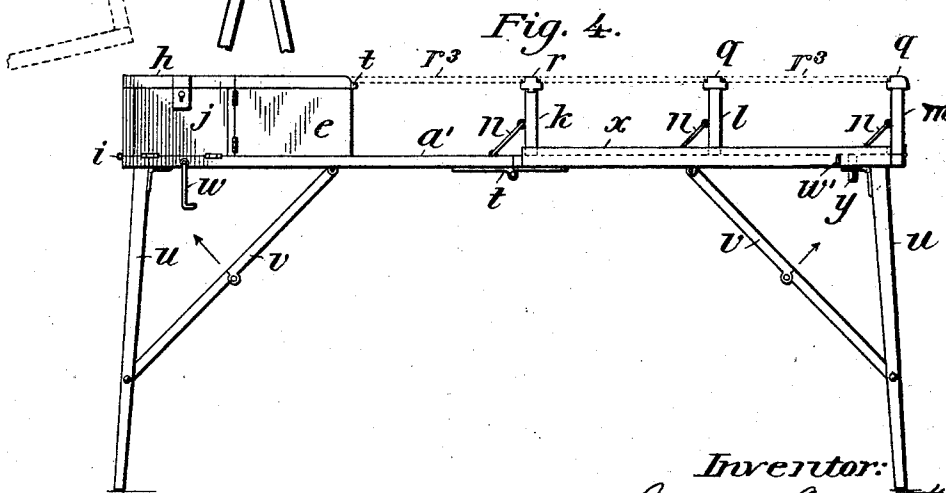
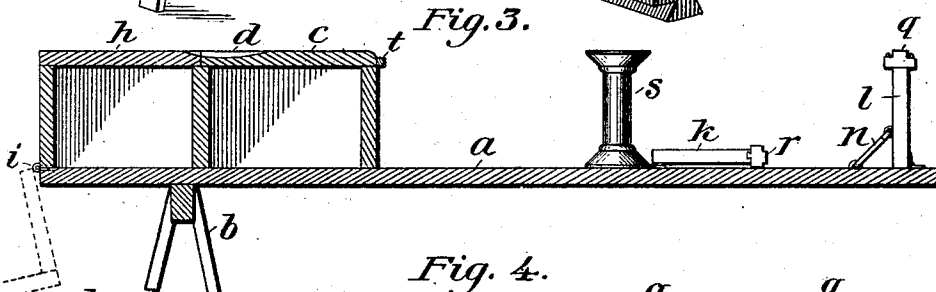
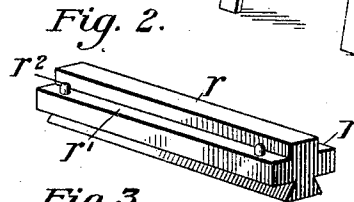
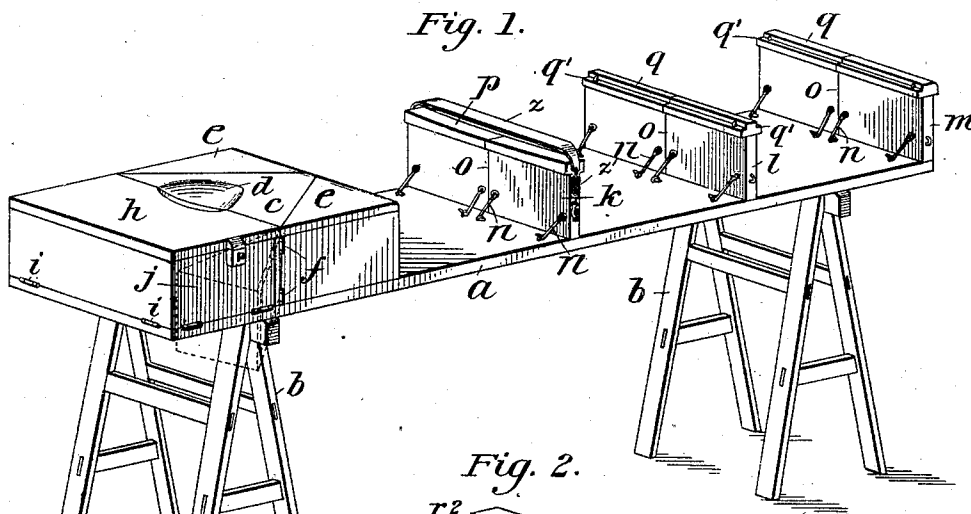
Patented Aug. 6, 1901.

B. C. MILLER.  
BANDAGING TABLE.

(Application filed May 7, 1901.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses:  
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Ada Briggs.

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2 Sheets—Sheet 2.

Fig. 5.

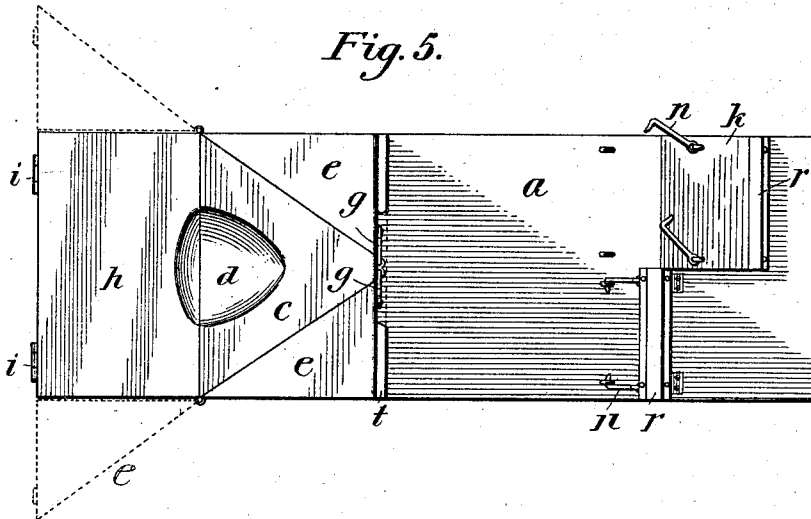


Fig. 6.

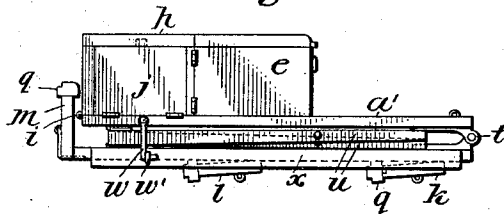
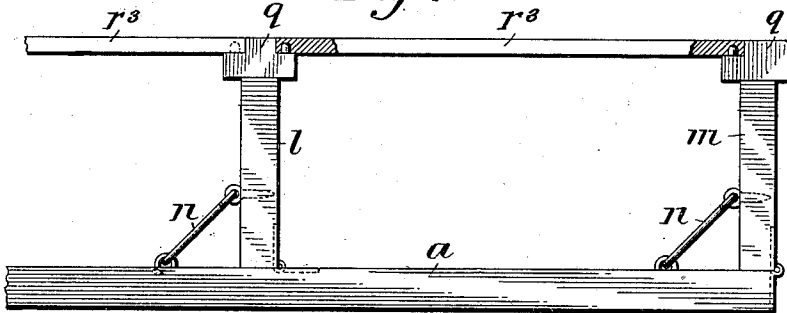


Fig. 7.



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# UNITED STATES PATENT OFFICE.

BENJAMIN CURTIS MILLER, OF CUMBERLAND, MARYLAND.

## BANDAGING-TABLE.

SPECIFICATION forming part of Letters Patent No. 679,980, dated August 6, 1901.

Application filed May 7, 1901. Serial No. 59,137. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN CURTIS MILLER, a citizen of the United States, residing at Cumberland, in the county of Allegany and State of Maryland, have invented a certain new and useful Improvement in Bandaging-Tables, of which the following is a full, clear, and exact description.

The object of this invention is to provide a table for the use of physicians and surgeons and for hospital-work upon which a patient may be placed and ready access be had to the various portions of the body for bandaging or dressing bodily injuries of any sort or kind. As is well known, it is a laborious operation oftentimes to wind a bandage about the body and requires the frequent lifting of the body and without assistance from the patient. I have found in my practice that it is entirely practicable to arrange and anesthetize a patient upon an operating-table constructed in accordance with my invention and supplied with means to support the body wholly or in part above the level of the table in such manner that the portion or portions to be bandaged or otherwise treated may be perfectly free on all sides, and thus give to the operator free access for his operation.

In carrying out my invention in accordance with this general statement of its object and nature I use a table having any suitable legs—movable, rigid, or folding—and arrange upon its top adjustable supports for the head, shoulders, thighs, and limbs of the body in such manner and of such character that such supports may be moved or displaced in order to enable the physician, surgeon, or nurse to fully expose any portion of the body which it is desired to treat, and thus give free access to such portion for the application of physical or other remedies or appliances.

Having thus stated the principle of my invention, I will proceed now to describe the best mode in which I have contemplated applying that principle and then will particularly point out and distinctly claim the part, improvement, or combination which I claim as my invention.

In the accompanying drawings, illustrating my invention, in the several figures of which like parts are similarly designated, Figure 1 is a perspective view illustrating a form of

my invention adapted for use in a physician's or surgeon's office or in a hospital and showing in dotted lines one shoulder-piece folded back. Fig. 2 is a perspective view of an interchangeable rest for one of the supports. Fig. 3 is a longitudinal section of portion of the table of Fig. 1, also illustrating another form of support. Fig. 4 is a side elevation of a folding table adapted for use in field or ambulance service. Fig. 5 is a plan view of the head end of either table. Fig. 6 is a side elevation showing the table of Fig. 4 folded for transportation or storage purposes. Fig. 7 is a side elevation, on a larger scale, of the foot end of the table of Fig. 1.

In constructing my bandaging-table I employ a board or other top *a* and support the same upon movable trestles *b* or other legs fixed or movably joined thereto, as desired. At one end of the top is a head-support *c*, which may be hollowed out, as at *d*, and I prefer to make this head-support *c* triangular, with the apex lying in the direction of the foot of the table. Triangular shoulder-supports *e e* are hinged at *f* to the sides of the head-support, so as to be capable of being folded back out of the way of the shoulders while still supporting the head and neck, as indicated by dotted lines, Figs. 1 and 5. These shoulder-supports *e e* may be provided with hooks or other fastenings *g* to secure them in the positions shown in full lines in Figs. 1 and 5. Back of the head-support is a receptacle *h* for containing surgical or other appliances and having its head and top rigidly united and hinged to the top *a* at *i*, so that these parts may be turned over backward, as indicated by the dotted lines in Fig. 3, or in place of or in addition to such construction the ends *j*, either or both, of this receptacle *h* may be hinged and adapted to be dropped down, so as to obtain access to the receptacle. Instead of the construction just described I may provide a drawer in this receptacle, or said receptacle may be utilized in any desired manner.

A series of supports *k*, *l*, and *m* are hinged or otherwise movably applied to the upper surface of the top *a*, and I have herein shown these supports as hinged to the top *a* and held upright thereon by means of hooks and eyes *n*. I have also shown these supports divided ver-

tically, as indicated by the lines *o*, so that one portion of a support may be left upright and the other folded down flat upon the top *a*, as shown in Fig. 5, in order to separate one leg from another, and thus leave the supported leg accessible on every side. These supports *k*, *l*, and *m* may be provided with fixed or movable rests in order to provide accessories conformable to the portions of the body to be supported. For example, as shown in Fig. 1, the rest *p* is concaved in order to conform to the contour of the back or hips. As is also illustrated in Fig. 1, this rest *p* is applied to the support *k* by means of a tongue and groove in the respective parts and in such manner as to be readily removed from and applied to the support. The rests *q* of the supports *l* and *m* may be permanently fixed thereto or be removable therefrom. The rest *r* of Fig. 2 is of this interchangeable character and may be used to replace the rest *p*. Another form of rest is shown at *s* in Fig. 3, same consisting of a columnar body adapted to be placed on the top *a* for any desired special use.

The supports *c* and *e* may be provided with horizontal edges *t*, and the rest *r* may be provided with similar horizontal ledges *r'*, and the rests *q* also provided with similar horizontal ledges *q'*, and these several ledges may be made or provided with dowels or pins *r<sup>2</sup>* to receive boards *r<sup>3</sup>*, as shown in dotted lines in Fig. 4 and as shown in detail in Fig. 7, in order to provide a continuous solid surface to support the body, and these boards are freely removable at pleasure.

The bandaging-table thus described is adapted for office or permanent hospital use. For field service or ambulance use I prefer to provide a folding table, such as is shown in Figs. 4 and 6, and for this purpose the top *a'* may be divided and its sections secured by hinges *t*. The legs *u* are hinged to the sections *a'* and sustained in an upright position by means of rule-joint braces *v*, so that the legs may be folded beneath the sections *a'* and then these sections folded upon one another, as indicated in Fig. 6, and the parts connected by a hook *w* on one section and an eye *w'* on the other section.

Another modification applicable to either form of table is shown in Figs. 4 and 6, the same consisting of side strips *x*, applied longitudinally to the edge of either or both sections of the table-top to confine any fluid matter, and in order to carry away such fluid matter the section may be provided with one or more tubes *y* beneath the table opening out from the top surface thereof.

As shown in Fig. 1, I may supply a strap *z*, having an elastic end *z'*, which may be hooked to one of the supports and passed over the body and its other end secured to the other side in order to hold down any portion of the body.

The various supports or their rests may be padded or adapted to receive air-cushions or

other mediums to ease the body or portion thereof.

It is not necessary that the foot-support should be hinged so as to fold outwardly, since it may be hinged to fold over upon the top.

The uses to which the table may be put are many and obvious. As already suggested, if the shoulders or upper arms or either of them are to be treated either or both sections *e e* may be turned back, as indicated in dotted lines in Figs. 1 and 5, and so if either leg is to be treated, or either thigh, the corresponding half of the support adjacent thereto may be let down and out of the way.

By supporting the body above the top *a* free access is given to the operator above, below, and around it, since the supports *c*, *e*, *k*, *l*, and *m* raise the body above the top *a*, and this facility of access is especially advantageous in the application of bandages, which must be passed around the body a number of times, and also in the application of plaster, splints, and other surgical appliances, and the spaces between the supports afford convenient receptacles for basins and other vessels, drainage-pads, and other accessories.

By the use of the title "bandaging-table" I do not mean to limit my invention to a table adapted for use for that one purpose, but mean to include the structure of this invention for whatever use it may be applied, it being understood, however, that the special design of the invention is to provide a convenient table for the use of physicians, surgeons, and nurses in professional operations.

The invention is susceptible of various modifications.

The construction of the various supports may be modified in a variety of ways, and, if need be, such supports may be made after the manner of a jack-screw, so that they may be raised or lowered, as desired, to change their altitude without disturbing the patient. I therefore wish to be understood as not limiting my invention to the construction shown.

What I claim is—

1. A bandaging-table, comprising a top and suitable legs therefor, and separate supports applied to the upper surface of the top and adapted to receive independently various members of the body and sustain the body above and free of the top, substantially as described.

2. A bandaging-table, having a suitably-sustained top, provided with a head-rest, independent shoulder-rests, and independent thigh, leg, and foot rests, arranged to support a person above and free of the top and exposed on all sides, substantially as described.

3. A bandaging-table, having a suitably-supported top, a rest for the upper portion of the body, comprising a receptacle, a head-support, shoulder-supports, and means to support the remainder of the body above and free of the top of the table, substantially as described.

4. A bandaging-table, comprising a suitably-supported top, and independent supports for the various portions of the body, applied to the top and adapted to sustain a body above and free of the top, such supports being made in sections which are independently movable to expose any desired portion of the body, substantially as described. 35
5. A bandaging-table, comprising a top suitably supported, having body-supports rising above the top to sustain a body free of said top, and supplied with interchangeable rests, substantially as described. 40
6. A bandaging-table, comprising a top and suitable legs therefor, a fixed head-support, and independent folding body-supports, said supports adapted to sustain a body above and free of the top, substantially as described. 45
7. A bandaging-table, comprising a top and suitable legs therefor, a fixed head-support, and independent sectional folding body-supports, said supports adapted to sustain a body above and free of the top, substantially as described. 50
8. A bandaging-table, comprising a top and suitable legs therefor, a fixed head-support, and independent folding body-supports supplied with rests, said supports adapted to sustain a body above and free of the top, substantially as described. 55
9. A bandaging-table, comprising a top and suitable legs therefor, a fixed head-support, and independent folding body-supports supplied with interchangeable rests, said supports adapted to sustain a body above and free of the top, substantially as described. 60
10. A bandaging-table, having a suitably-supported top, and body-supports rising from said top and supplied with means to receive solid members, such as boards, in order to provide a continuous surface above the top to support a body above and free of the top, substantially as described.
11. A bandaging-table, comprising a top and means to support it, and body-supports rising from the said top, said supports having ledges and means to receive an added removable solid surface, said supports adapted to sustain a body above and free of the top, substantially as described.
12. A bandaging-table, having a top composed of jointed sections and adapted to be folded upon itself, and jointed legs adapted to be folded between these sections of the top, and folding body-supports applied to the top, the said supports adapted to sustain the body above and free of the top, substantially as described.

In testimony whereof I have hereunto set my hand this 6th day of May, A. D. 1901.

BENJAMIN CURTIS MILLER.

Witnesses:

ROBT. SHRIVER,  
ROBERT S. SHRIVER.