E. V. ERLANDSON.

ANESTHETIC FRAME.

APPLICATION FILED AUG. 24, 1917.

1,257,332. Patented Feb. 26, 1918.

Fig. 1.

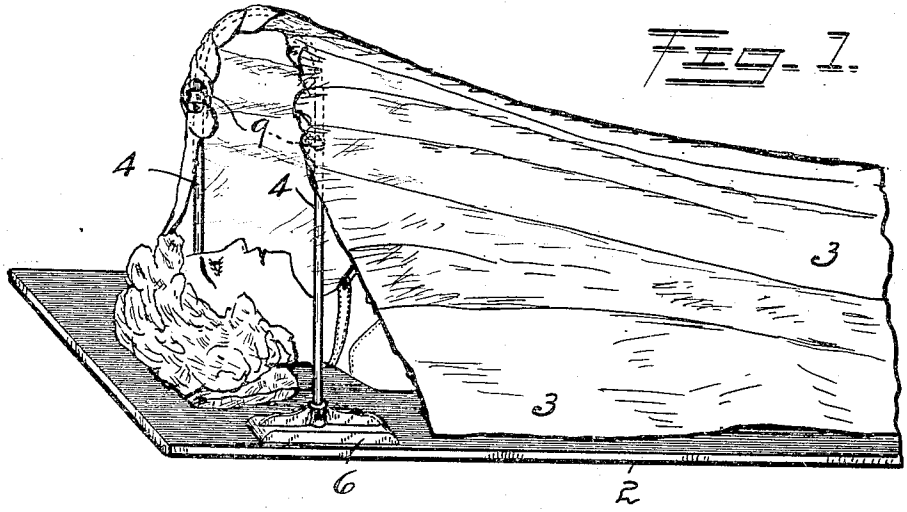


Fig. 3.

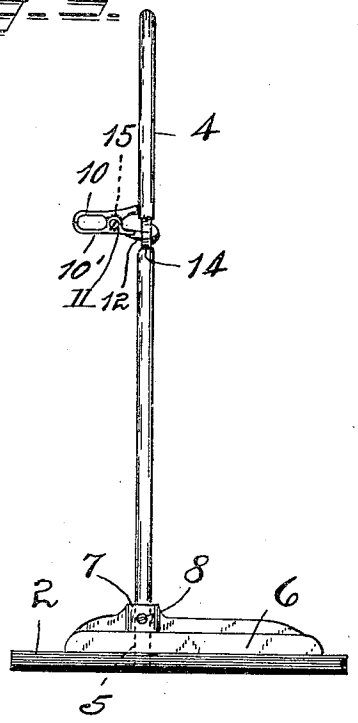


Fig. 2.

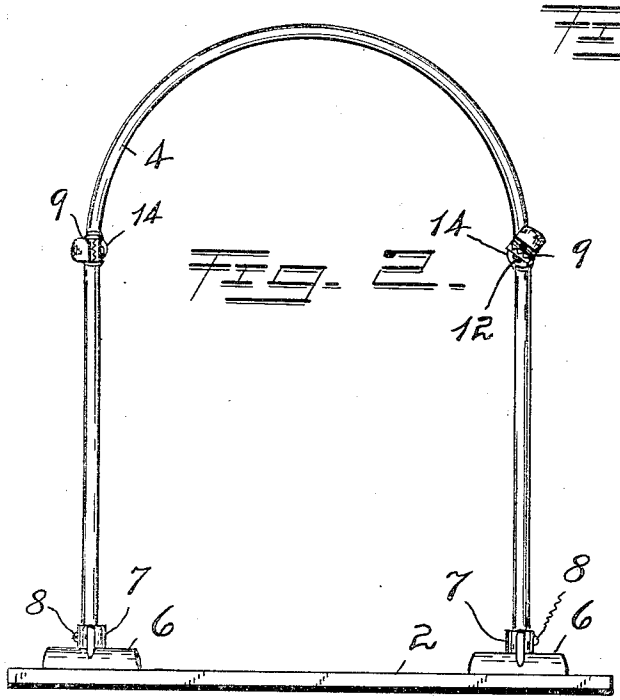
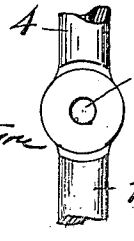


Fig. 4.



WITNESS

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ANESTHETIC-FRAME.

1,257,332. Specification of Letters Patent. Patented Feb. 26, 1918.

Application filed August 24, 1917. Serial No. 188,028.

To all whom it may concern:

Be it known that I, ELFRIEDA V. ERLANDSON, a citizen of the United States, and resident of Galesburg, in the county of Knox and State of Illinois, have invented a new and useful Anesthetic-Frame, of which the following is a specification.

My invention relates to devices used to support the sheet commonly employed when an anesthetic is administered to a patient, and it consists, substantially, in the improvements hereinafter described.

One of the objects of the invention is to provide a novel frame of the character above defined, whereby the sheet is supported advantageously for both the surgeon, the anesthetist, and the nurse.

Another object is to so dispose the sheet-clasping elements, with reference to the support *per se*, that they are most convenient for access.

Another object is to so construct the device that it may be quickly taken apart whereby to compact it for removal from place to place.

Still another object is to so construct the device that it may not be easily tipped over, either from the sheet drawing thereon or from an accidental blow.

The nature of the invention is such that it will be readily understood by reference to the accompanying drawings and the following description, but it must be understood that the drawings show and the description sets forth only that particular embodiment which I at present prefer, and that the details are subject to much modification without departing from the principles and novel features of the invention as defined in the appended claims.

In said drawings:

Figure 1 is a perspective view illustrating the application of my improvements;

Fig. 2, a front elevation of the complete device;

Fig. 3, an edge elevation thereof; and

Fig. 4, an enlarged fragmental detail of that portion of one of the legs of the device in which the clip-receiving eye is formed.

Considering the drawings in detail, and referring to each of the parts by a reference character which is uniformly employed throughout the several views, 2 indicates the top of an operating-table, and 3 a sheet such as is commonly employed in surgical operations.

4 designates a supporting-arch preferably made of a heavy spring wire or rod, each of its legs being provided at its terminal portion with threads 5.

6, 6 denote feet, each of which is preferably elongated at its rear portion whereby to prevent the weight of the sheet from drawing or tipping the frame toward the foot of the table. Also each foot is preferably made of metal and is rather heavy, in order that the frame shall not be overthrown by any ordinary blow or from any other cause. Each foot is provided with an internally threaded socket 7 having an aperture adapted for engagement by one of the threaded legs or standards of the arch. Thus the feet may be quickly removed when it is desired to carry it about, and the entire device may be compactly arranged in any conveniently shaped package. In order that the elongated portions of the feet may be securely held in the desired rearwardly-directed positions, and further in order that either or both feet may be effectively prevented from turning to an undesired position I have provided an adjusting-screw 8 which passes transversely through one side of the socket 7 and bears against the leg.

One of the main features of my improvements resides in the spring-clips or clasps 9, for by the use of these the sheet may be almost instantly attached to or detached from the supporting-arch. These clasps may be of any preferred and suitable construction, those illustrated being (in general) of an ordinary commercial type comprising a pair of leaves 10, 10′ fulcrumed together near their midlengths by means of a rivet 11 which is embraced by a spring 15 the respective ends of which bear against the handle portions of the leaves 10 and 10′ to force them apart and thus yieldingly press the jaw ends of the leaves together.

To each leaf 10′ I secure, by soldering or otherwise, a shank 12 which is swiveled in an eye 13 formed in a boss 14 in each leg of the arch. The shanks are secured in the eyes 13 in any suitable manner, but are shown as held by merely riveting their terminals.

To apply or secure the sheet to the arch one of its edges (which I may term the front one) is directed toward the jaws of the clasps and these are then operated to grasp it. The rear end of the sheet is then reversed and drawn rearwardly over the arch, to cover the body of the patient, his head

however being entirely exposed to the view of the anesthetist, either for the administration of the anesthetic or for determination of the patient's condition. The sheet will moreover be held in a position extremely convenient for the surgeon and the nurse, no matter what part of the patient is being operated upon. The object in swiveling or otherwise rotatorily mounting the clasps in the eyes 13 is primarily in order that they may turn to accommodate themselves to the position of the sheet, thus practically eliminating danger of tearing it.

Having thus set forth the purpose, the nature, and some of the advantages of the invention I claim as new the following, to-wit:

1. A device of the character described, comprising an arch, and sheet-clasping elements rotatorily connected therewith.

2. A device of the character described, comprising an arch, feet removably connected with the standards thereof, means whereby the feet may be locked in predetermined positions relative to said standards, and sheet-clasping means engaging the arch.

In witness whereof I hereunto affix my signature this 17th day of August, 1917.

ELFRIEDA VICTORIA ERLANDSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."