

No. 615,642.

Patented Dec. 6, 1898.

R. O STEBBINS.
SLEEPING BAG.

(Application filed Dec. 31, 1897.)

(No Model.)

Fig. 1.

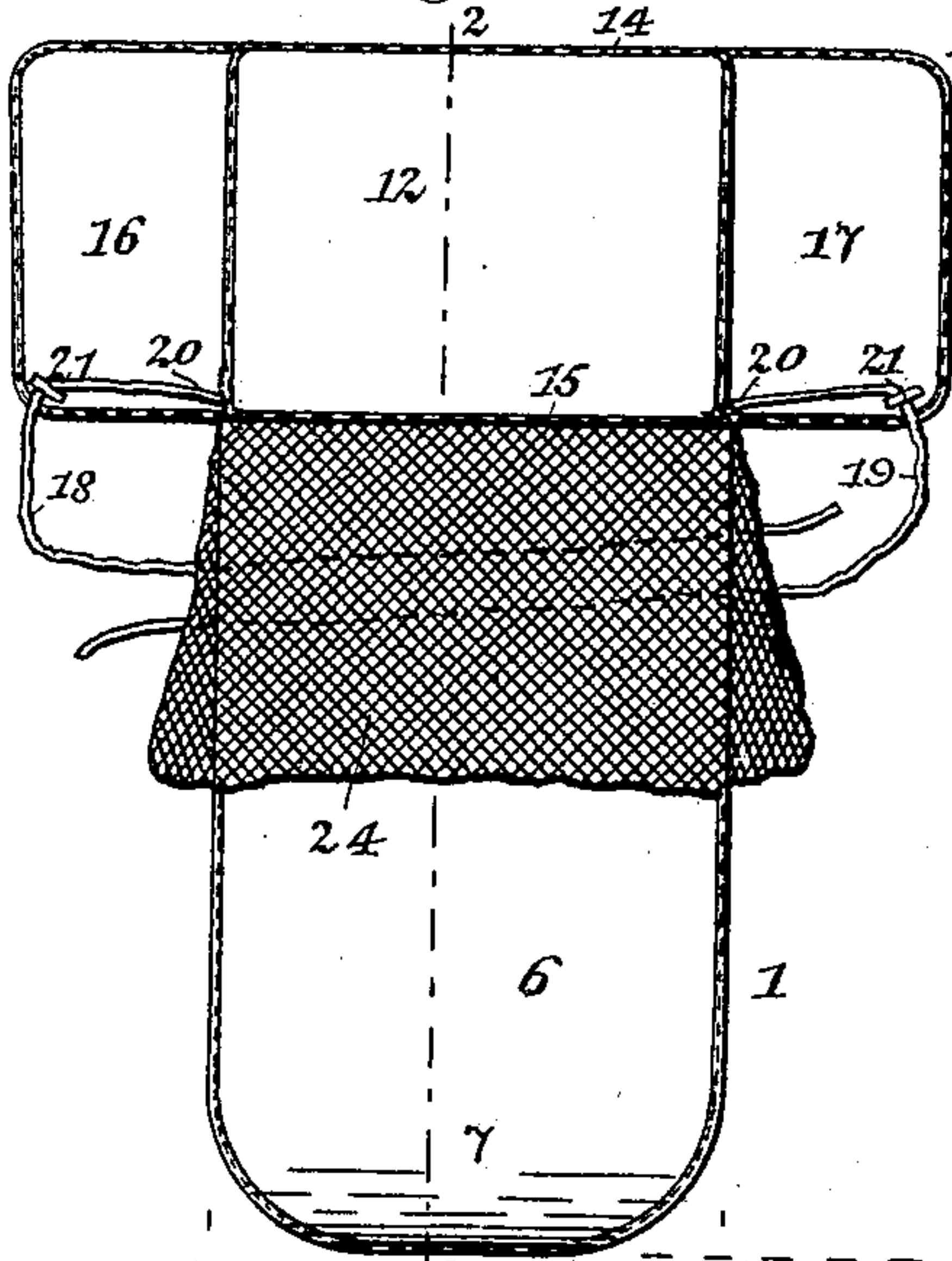


Fig. 2.

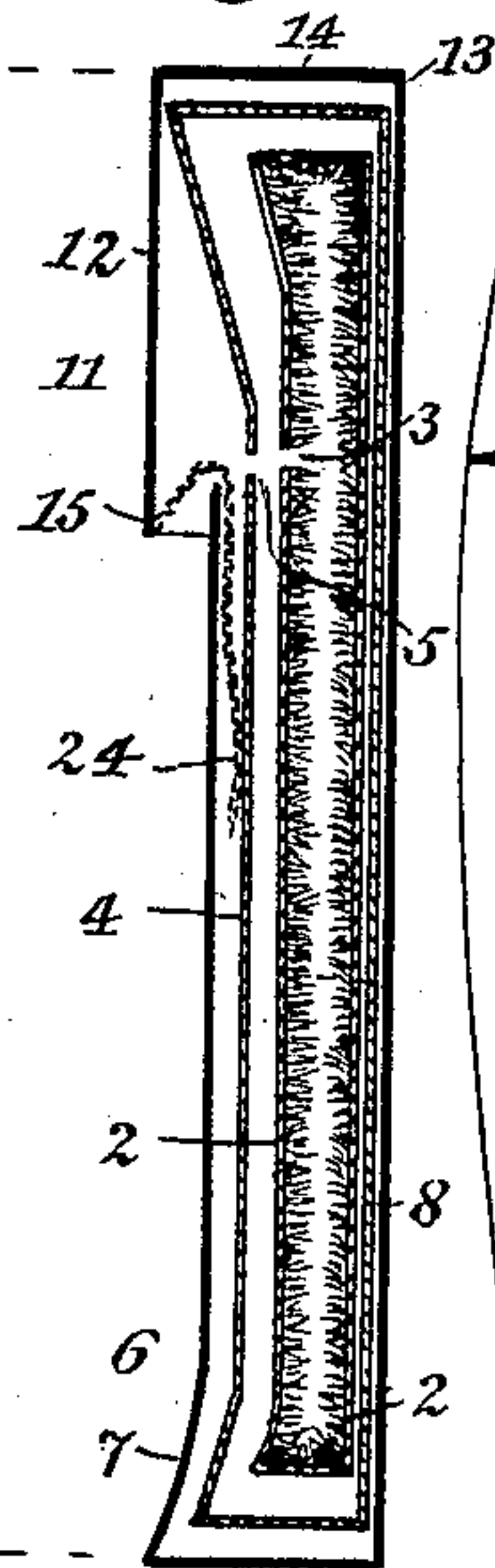


Fig. 4.

Fig. 5.

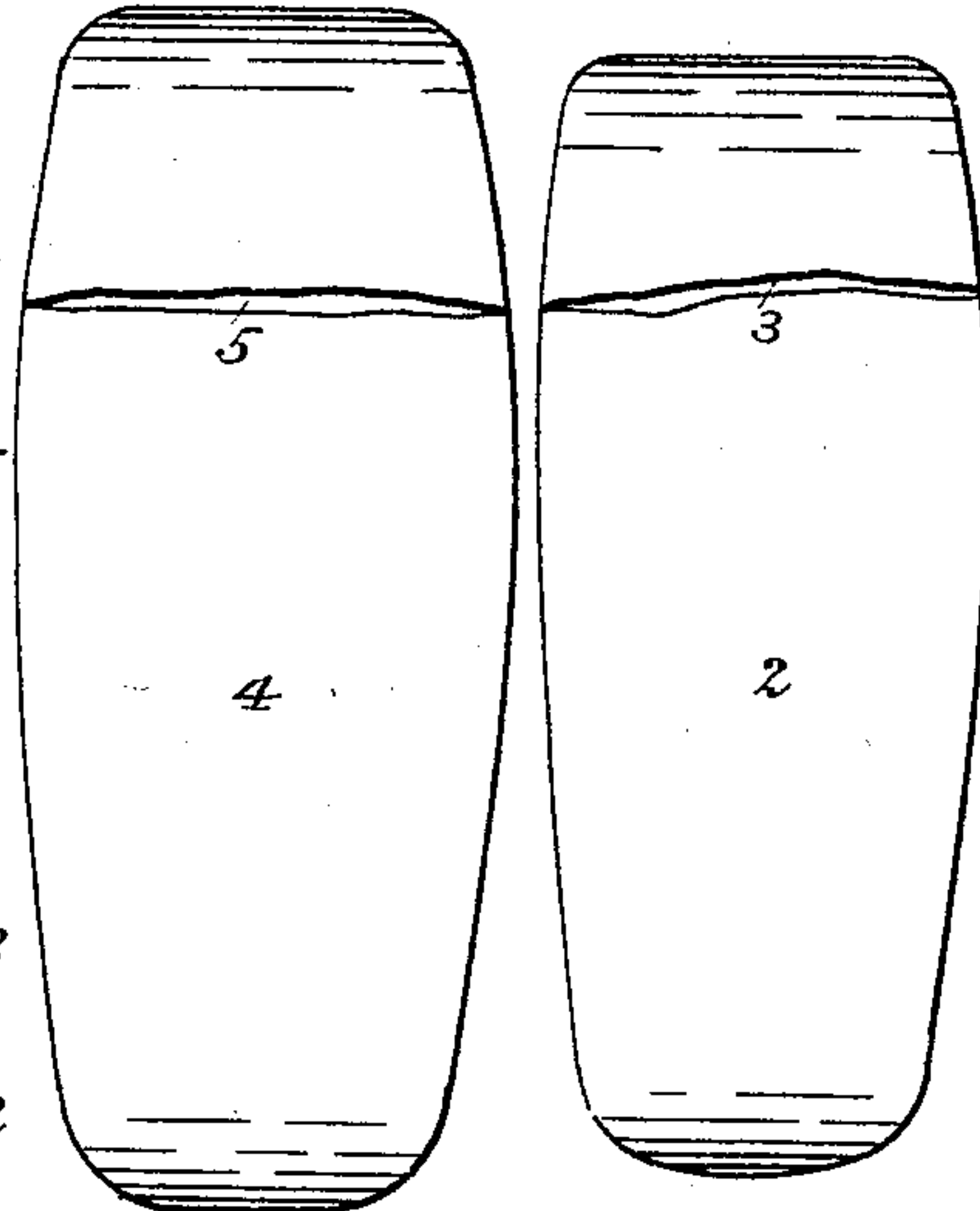


Fig. 3.

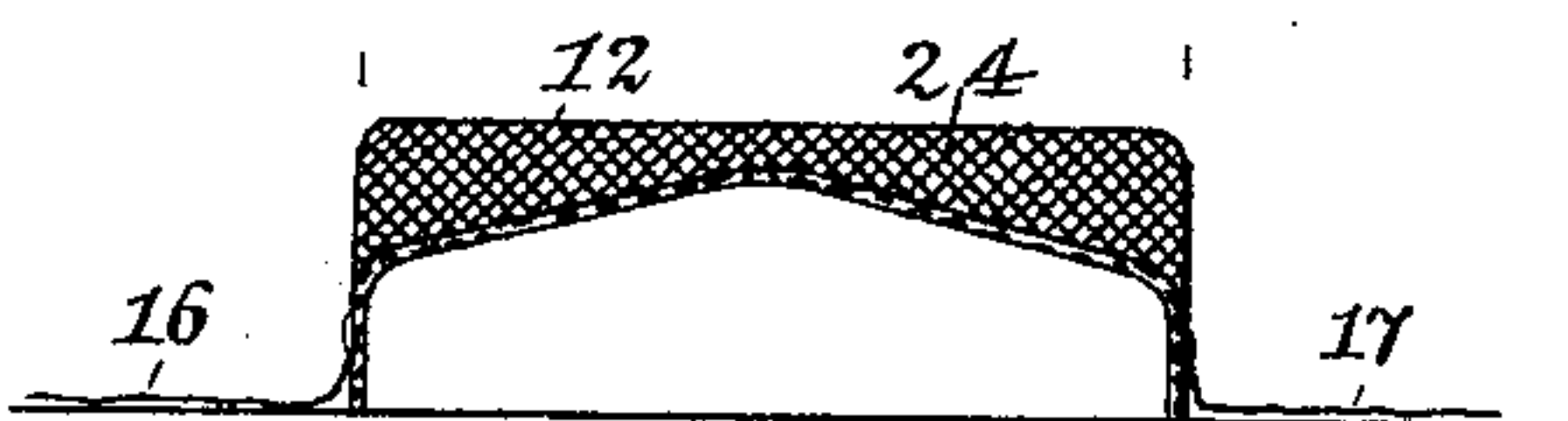
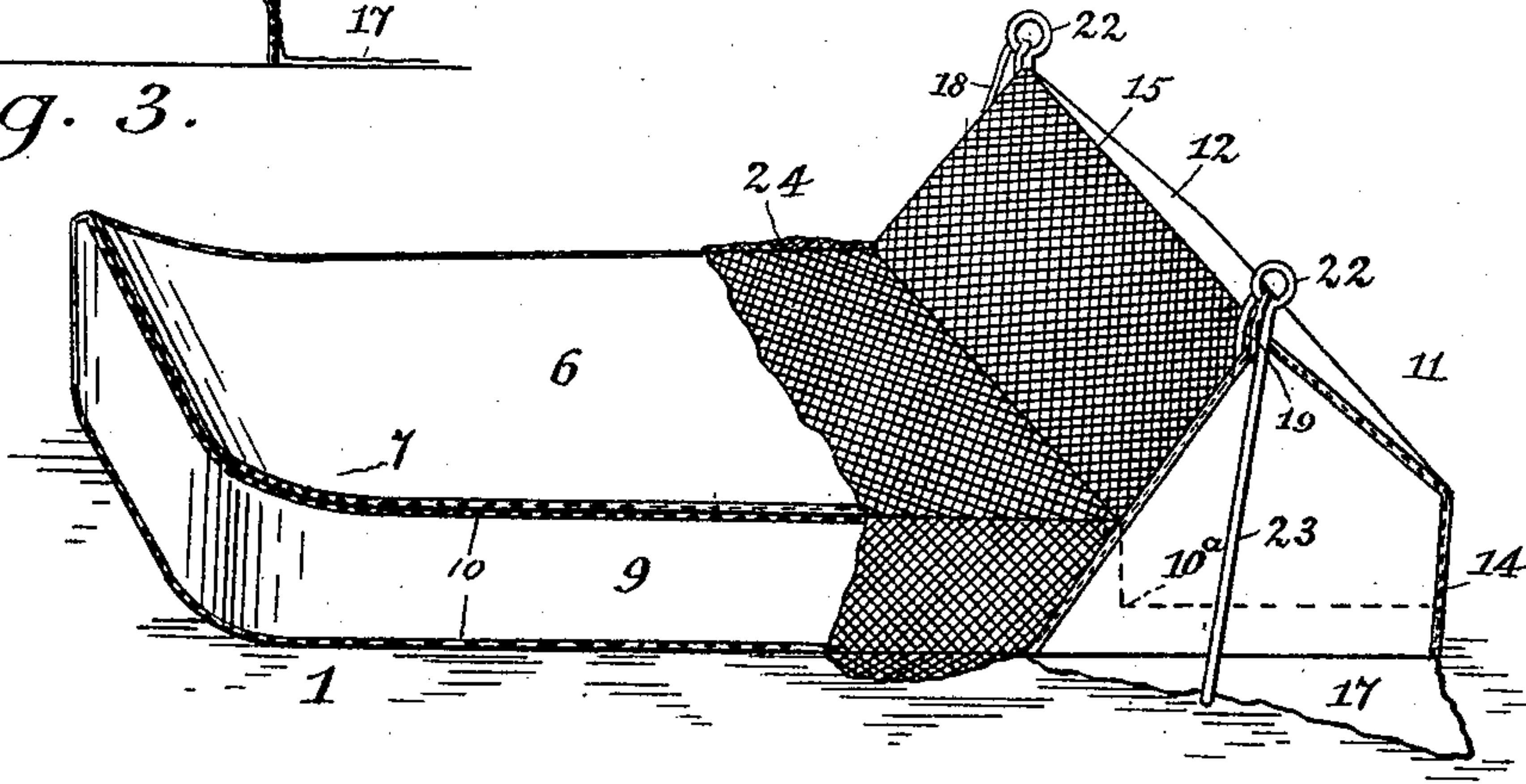


Fig. 6.



Witnesses:

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UNITED STATES PATENT OFFICE.

ROSWELL O. STEBBINS, OF NEW YORK, N. Y.

SLEEPING-BAG.

SPECIFICATION forming part of Letters Patent No. 615,642, dated December 6, 1898.

Application filed December 31, 1897. Serial No. 664,844. (No model.)

To all whom it may concern:

Be it known that I, ROSWELL O. STEBBINS, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Sleeping-Bags; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to traveling and camping accoutrements for use in uninhabited regions where persons are compelled to sleep in the open air, and particularly to sleeping-bags intended for the use of travelers or sojourners in cold and desert regions where there is lack of material from which to construct permanent or temporary dwellings for protection against the intense cold and severity of the weather experienced in such regions; and some of the objects of this invention are to provide an article of this general description which will meet the demands and requirements of the user and of the climatic conditions under which it is designed to be used and at the same time to provide such an article which will be light and easily carried and will be simple of construction and effective for the purpose intended; and with these and other objects in view the invention consists, substantially, of the construction, combination, and arrangement of parts hereinafter more fully described in the specification and illustrated in the accompanying drawings, in which—

Figure 1 is a top plan view of my improved sleeping-bag. Fig. 2 is a longitudinal central section of the same on line 2 2 of Fig. 1. Fig. 3 is an end view of the construction illustrated in Fig. 1, looking in the direction of the arrow 3. Figs. 4 and 5 are respectively plan views of the intermediate and interior portions or casings of my improved sleeping-bag; and Fig. 6 is a perspective view of the bag, showing the hood or canopy raised.

Similar characters of reference designate like parts throughout the several views.

Referring to the drawings, and particularly to Fig. 1 thereof, the reference character 1 designates a sleeping-bag constructed in accordance with my invention, which preferably

consists of three independent portions or casings, although any desired number of portions or casings may be employed, and they may be of any preferred form or configuration; but from actual experience and practice I have found the general form or shape herein shown and described to be the most desirable.

In Figs. 2 and 5 is illustrated the interior or innermost portion or casing 2, which may be constructed of any suitable material, but preferably of skin or hide with the fur or hair thereon, and when constructed of this material the fur or hair side of the skin is turned inwardly, as clearly shown in Fig. 2 of the drawings, so as to be next to the body of the occupant in order that the greatest amount of warmth may be secured, although when the temperature admits this portion or casing 2 may be turned inside out, or the fur or hair side thereof may be directed outwardly, or this portion or casing may be disposed of temporarily if the climate or temperature permits of its disuse, as it is readily removable from and is independent of the other parts or portions of my improved sleeping-bag of which it forms a part.

The portion or casing 2 is preferably provided with a slit or opening 3 near one end thereof and extending approximately across one side of the same; but I do not confine myself to any particular form or size of opening or to the locations thereof, as these features may be modified as found desirable.

The intermediate portion or casing 4 is of the same general form or shape as the innermost portion 2, with the exception that it is slightly larger, as shown in Figs. 4 and 5, to provide a free circulation of air about the innermost portion 2 and to permit the exudations of the body of the occupant to pass off, and this intermediate portion 4 is constructed of any suitable material, preferably of flannel or its equivalent, and it is provided near one end thereof with a transverse slit or opening 5, extending substantially across one side of the same, for the admission of the body of the user and also to furnish air and ventilation to the user, as will be readily understood.

The exterior portion or casing 6 is preferably constructed of waterproof material or its equivalent, although any suitable mate-

rial may be employed which will meet the requirements of the climatic conditions under which the sleeping-bag is used; but in practice I have found that "pegamoid" is well adapted to meet the general requirements under ordinary conditions, and the general form or shape of the exterior portion 6 is similar to the other portions before described, only that it is larger than any of the other portions to afford a free circulation of air throughout the sleeping-bag and around each independent portion, which feature is of the utmost necessity, as has been demonstrated from years of actual experience.

The exterior portion 6 is preferably constructed of an approximately rectangular top and bottom part 7 and 8, respectively, which are connected along their edges to a side strip 9 in any suitable manner, but here illustrated by means of one or more rows of stitching and a binding 10, to secure the edges of the parts, and these sides 9 are preferably cut away, as shown at 10^a, Fig. 6, and formed on or connected to the bottom 8 in any desired manner is a hood or canopy 11, consisting of a central strip 12, attached to the end 13 of the bottom 8, having a vertical part or section 14, Fig. 2, and a horizontally-extending part or free end 15, adapted to project beyond the open end or part of the exterior portion 6, Fig. 2, and this central strip 12 is provided with wings or lateral flaps 16 and 17, which may be formed on or connected therewith in any suitable manner, and these wings or flaps 16 and 17 may be of any desired form or shape; but I have found that the form herein shown is suitable for the purpose.

I may connect cords or ropes 18 and 19 to the hood or canopy 11 at 20 for the purpose of elevating the canopy or hood 11 by passing the cords 18 and 19 through the eyes 22 of suitable stakes or rods 23, driven into the ground at each side of the sleeping-bag, as clearly shown in Fig. 6 of the drawings, and the ends of the cords 18 and 19, after passing through the said eyes 22, will be brought into the hood or canopy within the reach of the occupant or user of the sleeping-bag, so that by drawing on the end of said cords the hood or canopy can be raised to the desired height, or by loosening said cords it can be lowered until it assumes the substantially horizontal position illustrated in Figs. 1, 2, and 3, and when the weather is inclement or the temperature is very low and it is desired to bring the hood or canopy down over the open end of the sleeping-bag approximately into the position shown in Fig. 2 the free ends of the cords 18 and 19 will be passed through the loops or similar devices 21 at the corners of the wings or flaps 16 and 17, and the ends will be passed under the end of the sleeping-bag, so that they will cross thereunder and extend in opposite directions, whereby when the occupant is within the bag it is only necessary to grasp the extremities of the cords 18 and

19 and pull on the same and at the same time elevate the shoulders of the occupant, and the wings or flaps 16 and 17 will be drawn under the sleeping-bag and the rain or snow and cold air will be prevented from entering the open end of the sleeping-bag.

The peculiar construction of this bag facilitates the comfort and convenience of the occupant and permits him to use the same in warm climates or in very low temperatures by varying the number or character of the independent portions, and by means of the gauze or netting 24, attached to the hood or canopy, mosquitoes, ants, and bugs are practically prevented from entering the sleeping-bag.

Secured to or connected with the free edge of the hood or canopy 11 in any desired manner is a section of netting or gauze 24, of any desired material, which is adapted to extend beyond the free edge of the hood or canopy 11 and cover the opening between the top 7 of the sleeping-bag and the hood or canopy 11, as clearly shown in Figs. 1, 2, 3, and 6 of the drawings, and the free ends of this netting or gauze may be tucked under the sleeping-bag, if desired.

The operation of my improved sleeping-bag will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following explanation thereof.

The user first slides within the innermost portion or casing, or, if the temperature permits, he can only enter the intermediate or even the exterior portion or casing, and when in position therein he can regulate the hood or canopy, as before described, so that the same will be elevated, as shown in Fig. 6, or drawn down over the open end of the sleeping-bag, as shown in Figs. 1, 2, and 3, or in any other position desired.

The independent portions or casings may be detached and aired and turned inside out, and they may be used singly or collectively, as desired.

I do not desire to confine myself to the specific construction, combination, and arrangement of parts herein shown and described, and I therefore reserve the right to make all such changes in and modifications of the same as fairly come within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to obtain by Letters Patent, is—

1. A sleeping-bag provided with separate or independent portions or casings and each being adapted to completely envelop the occupant.

2. A sleeping-bag provided with independent portions or casings, having an opening therein for the admission of the user, said portions being adapted to be entirely secured one within the other.

3. An accoutrement for the purposes set forth, provided with independent telescoping

portions or casings, having each an opening therein for the admission of the user, each of said portions or casings being larger than the next adjacent portion or casing, whereby perfect ventilation is afforded.

5 4. An accoutrement of the character described provided with a portion or casing having an open end and a hood or canopy provided with lateral flaps or wings to inclose
10 said end.

5. An accoutrement provided with an open end, and an adjustable hood or canopy having lateral wings or flaps and a netting to inclose or protect said open end.

In testimony whereof I affix my signature 15
in presence of two witnesses.

ROSWELL O. STEBBINS.

Witnesses:

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M. L. SHAY.