

## **Improvements relating to antiseptic bandages.**

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N<sup>o</sup> 9685



A.D. 1901

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PROVISIONAL SPECIFICATION.

Communicated from abroad by FIRMA NAAMLooZE VENNOOTSCHAP-FABRIEK VAN VERBANDSTOFFEN, VOORKEEN UTERMÖHLEN & Co., of 99 Weesperzijde Amsterdam in the Kingdom of Holland Manufacturers.

**“Improvements relating to Antiseptic Bandages”**

I, HENRY HARRIS LAKE, of the Firm of Haseltine, Lake & Co., Patent Agents, 45 Southampton Buildings, in the County of Middlesex, do hereby declare the nature of this invention to be as follows:—

This invention relates to an improved antiseptic bandage or binder which is so folded together as to be ready for application without requiring to be disinfected, for the reason that the part thereof for covering the wound remains sterilized under all conditions even if the bandage or binder should be dropped on the ground or be touched with uncleaned hands. This is effected according to this invention by applying the binding material in the manner of a flat pad of gauze, wadding or the like to the back of which is sewn or otherwise suitably secured one or more bands or straps folded over the said binding material in such a manner as to completely envelop the same and then suitably folding the band till required for use, when it is only necessary to unfasten the retaining strings and applying it to the wound by holding it by the ends of the binder or strap, which is coiled up at the back.

According to one method of constructing an antiseptic bandage embodying this invention, the binding material consists of a layer or pad of antiseptic wadding, covered with an antiseptic gauze for example, of any convenient form, and to the back of which is or are attached, say by sewing, one or two strips serving as binders or straps.

The bandage according to this invention is so arranged as to allow of the two binders or straps being first coiled up, the sides of the pad being then folded downward. Hereupon the sides are again folded at right angles to the previous fold, also downward, the whole being then secured by a tape or the like wound around the exterior of the folded bandage until the same is required for use, when the tape is first removed and the coiled straps or binders are held between the thumb and forefinger in each hand and pulled to both sides so that the bandage opens by itself.

Thus it is impossible for the bandage to become infected before its use. It is only required to be held at the back, and it can be easily and readily applied.

Instead of using a separate tape or the like, one of the ends of the binder or strap may be wound round it although this is not so advantageous.

Dated this 9th day of May 1901.

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HASELTINE, LAKE & Co.,  
45 Southampton Buildings, London, W.C.,  
Agents for the Applicant.

*Lake's Improvements relating to Antiseptic Bandages.*

## COMPLETE SPECIFICATION.

## "Improvements relating to Antiseptic Bandages."

I, HENRY HARRIS LAKE, of the Firm of Haseltine, Lake & Co., Patent Agents, 45 Southampton Buildings, in the County of Middlesex, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to an improved antiseptic bandage or binder which is so folded together as to be ready for application without requiring to be disinfected, for the reason that the part thereof for covering the wound remains sterilized under all conditions even if the bandage or binder should be dropped on the ground or be touched with uncleaned hands. This is effected according to this invention by applying the binding material in the manner of a flat pad of gauze, wadding or the like to the back of which is sewn or otherwise suitably secured one or more bands or straps folded over the said binding material in such a manner as to completely envelop the same and then suitably folding the band till required for use, when it is only necessary to unfasten the retaining strings and applying it to the wound by holding it by the ends of the binder or strap which is coiled up at the back.

In order that the invention may be readily understood I will describe the same fully with reference to the accompanying drawing, in which

Figure 1 is a face view of the bandage extended.

Figure 2 is a side-elevation drawn to a larger scale, of the same partially folded.

Figure 3 is a cross-section also drawn to a larger scale of the completely folded bandage.

According to one method of constructing an antiseptic bandage embodying this invention, the binding material *a* consists of a layer or pad of antiseptic wadding, covered with an antiseptic gauze for example, of any convenient form, and to the back of which is or are attached, say by sewing, one or more strips *b* serving as binders or straps.

As indicated in Figures 2 and 3 the bandage according to this invention is so arranged as to allow of the two binders or straps *b* being first coiled up, the sides 1, 1 and 2, 2 of the pad *a* being then folded downward. Hereupon the sides 1, 2 and 1, 2 are again folded at right angles to the previous fold, also downward, as indicated by the arrows in Figure 2 so as to occupy the respective positions shown in Figure 3. The whole is then secured by a tape *c* or the like wound around the exterior of the folded bandage until the same is required for use, when the tape *c* is first removed and the coiled straps or binders *b* are held between the thumb and forefinger in each hand and pulled to both sides so that the bandage opens by itself.

Thus it is impossible for the bandage to become infected before its use. It is only required to be held at the back, and it can be easily and readily applied.

Instead of using a separate tape *c* or the like, one of the ends of the binder or strap *b* may be wound round it although this is not so advantageous.

Having now particularly described and ascertained the nature of the said invention and in what manner the same is to be performed, as communicated to me by my foreign correspondents, I declare that what I claim is:—

An antiseptic bandage consisting of a flat layer or pad of binding material such as gauze, wadding or the like to the back of which is or are secured one

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*Lake's Improvements relating to Antiseptic Bandages.*

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or more binders or straps and which is on all sides so folded over as to completely cover the part to be applied to the wound until a tape or the like, for ordinarily keeping it in its folded position, has been loosened to enable the bandage to be unfolded and to be applied to the wound substantially as herein-  
5 before described with reference to the accompanying drawings.

Dated this 17th day of December 1901.

HASELTINE, LAKE & Co.,  
45 Southampton Buildings, London, W.C.,  
Agents for the Applicant.

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Fig. 1.

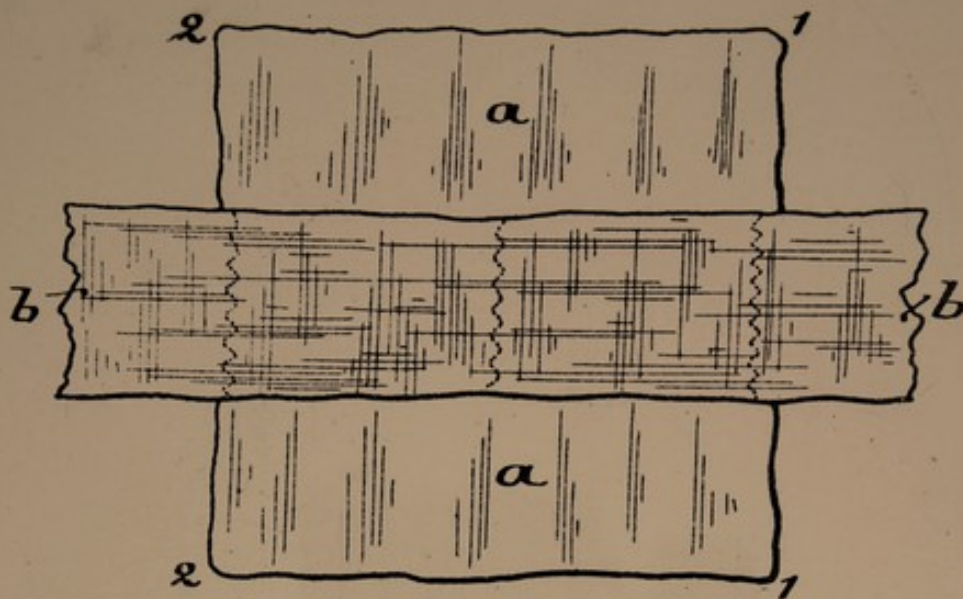


Fig. 2.

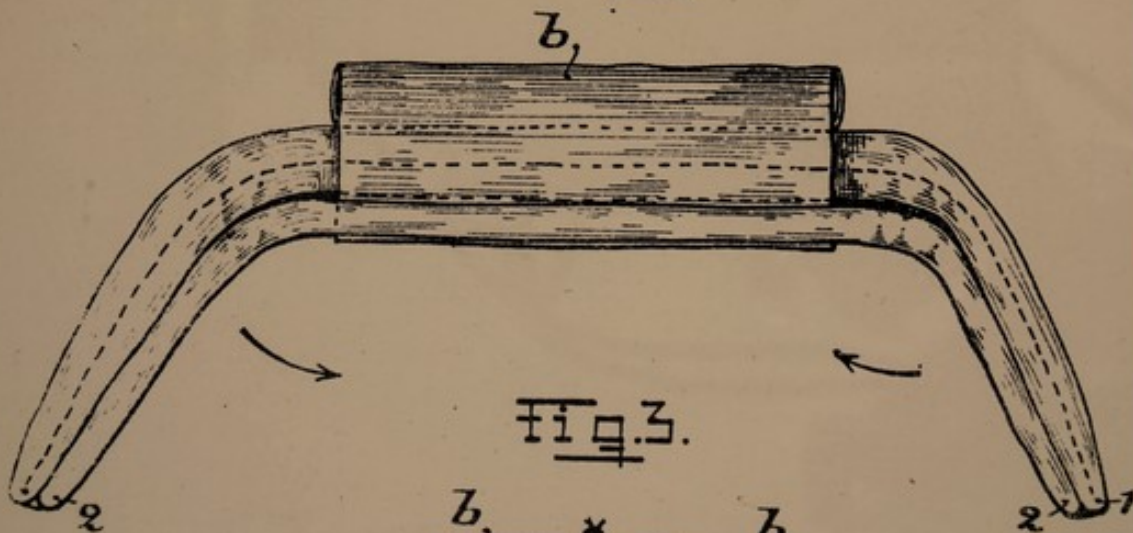
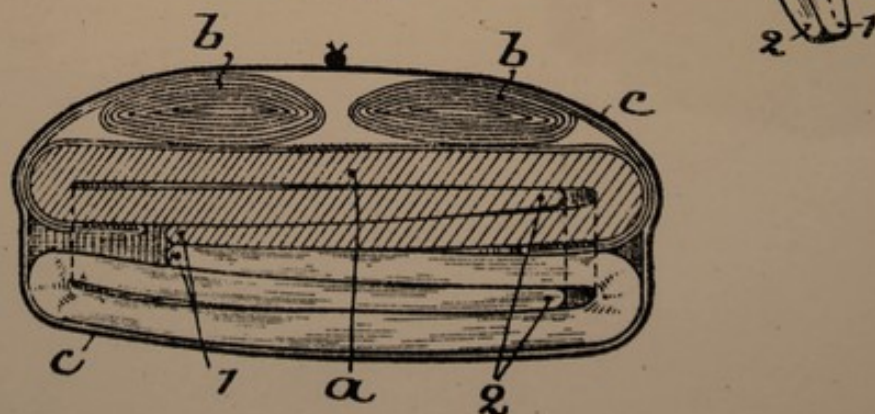


Fig. 3.



[This Drawing is a reproduction of the Original on a reduced scale.]

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