

(No Model.)

S. A. L. KLIXBÜLL.

LIFE PRESERVER.

No. 271,870.

Patented Feb. 6, 1883.

Fig. 1.

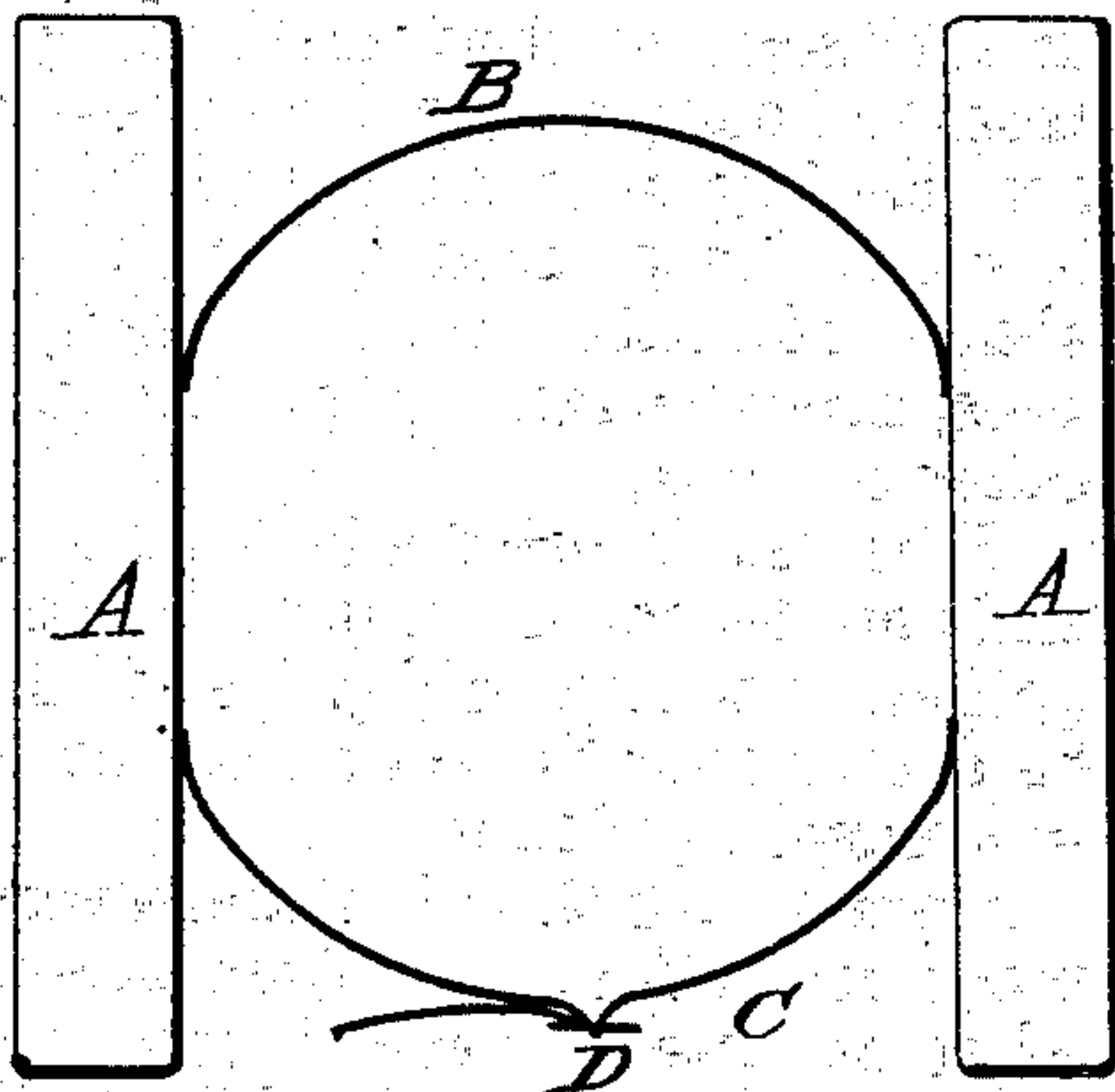
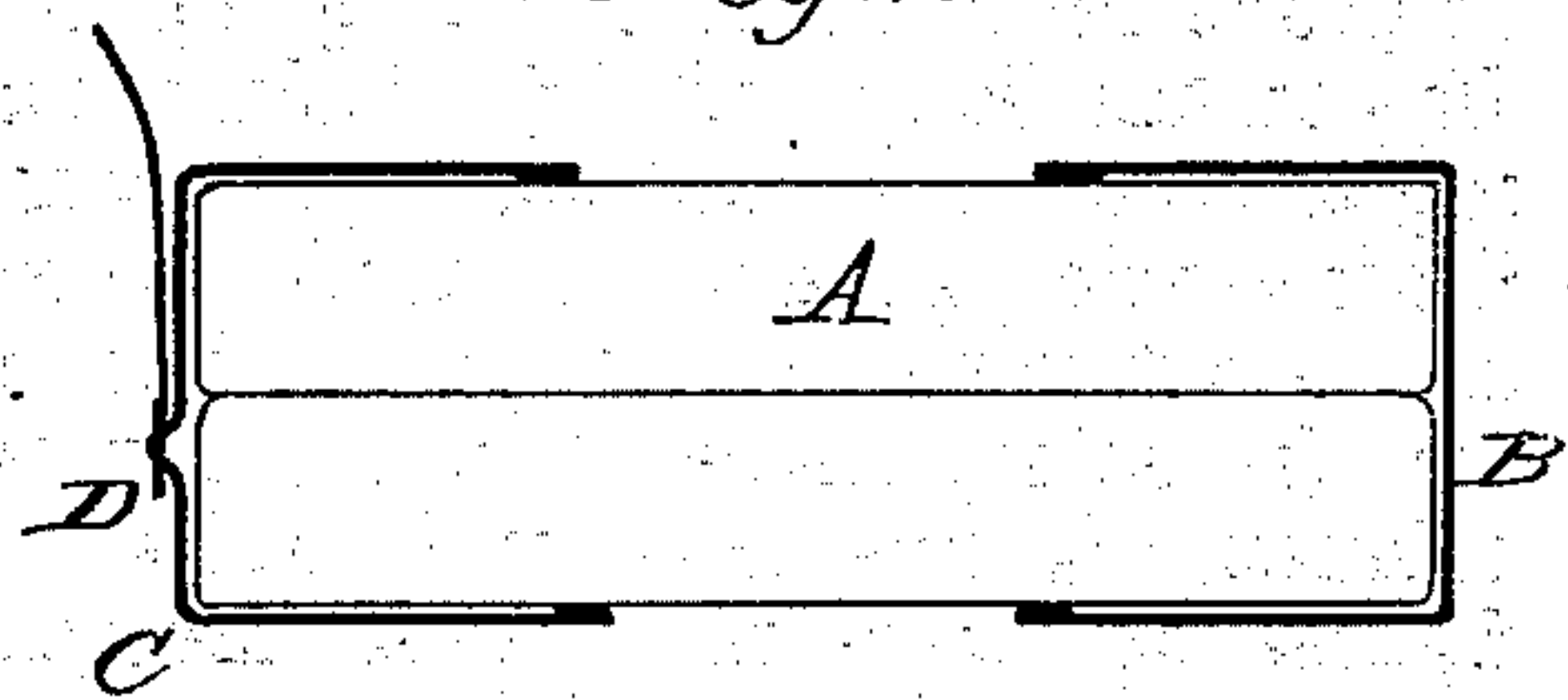


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SOPHUS A. L. KLIXBÜLL, OF COPENHAGEN, DENMARK.

LIFE-PRESERVER.

SPECIFICATION forming part of Letters Patent No. 271,870, dated February 6, 1883.

Application filed November 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, SOPHUS ANTON LEOPOLD KLIXBÜLL, first lieutenant in the Royal Danish Navy, a citizen of Denmark, residing at Copenhagen, in the Kingdom of Denmark, have invented certain new and useful Improvements in Life-Saving Apparatus for Use on the Sea; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a plan or top view of my improved life-saving apparatus. Fig. 2 is a similar view of the same packed for transport.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to that class of life-preservers consisting of two buoyant bodies adapted to be fastened around a person's waist to support him in the water; and it consists in the improved construction of such an apparatus adapted to be held together when not in use so as to occupy the smallest space possible.

In the accompanying drawings, the letter A indicates two boxes, connected by straps B and C, the latter strap, C, consisting of two pieces connected by a buckle, D, so that the straps may be buckled around a person's waist, as a belt, with the two boxes, one on each side.

The boxes A are composed preferably of a sheet-metal casing, E, made water-tight and covered with water-proof material, or the casing may be made of any other material made

water-proof. This casing incloses a number of intestines, F, which have been treated with antiseptics, made water-proof and filled with air. By using these intestines I obtain the advantage that if the casing by accident is injured some of the intestines may remain intact, and support, by their buoyancy, the person holding onto them, and likewise are the intestines most desirable, on account of their shape, admitting close packing, their lightness, and strength, in preference to tubes of other material.

When not in use the belt is buckled over the ends of the boxes, which are placed close together, as shown in Fig. 2, and the straps may be drawn over the ends and be ready for use in a moment of time.

I am aware that life-preservers have been made consisting of two buoyant bodies adapted to be fastened around the waist by means of straps or cords, which I do not claim broadly; but

What I claim, and desire to secure by Letters Patent of the United States, is—

The herein-described life-saving apparatus, consisting of the boxes A, filled with inflated intestines, and connected by straps B and C, having buckle D, adapted to be drawn over the ends of the boxes when not in use, holding them together, substantially as and for the purpose shown and set forth.

In testimony whereof I have hereunto affixed my signature in presence of two witnesses.

SOPHUS ANTON LEOPOLD KLIXBÜLL.

Witnesses:

JULIUS ALBERT VOHTE,
FREDERIK WOLFF.