

No. 799,166.

PATENTED SEPT. 12, 1905.

R. W. JOHNSON.  
PACKAGE FOR SURGICAL LIGATURES.

APPLICATION FILED SEPT. 9, 1904.

Fig. 1.

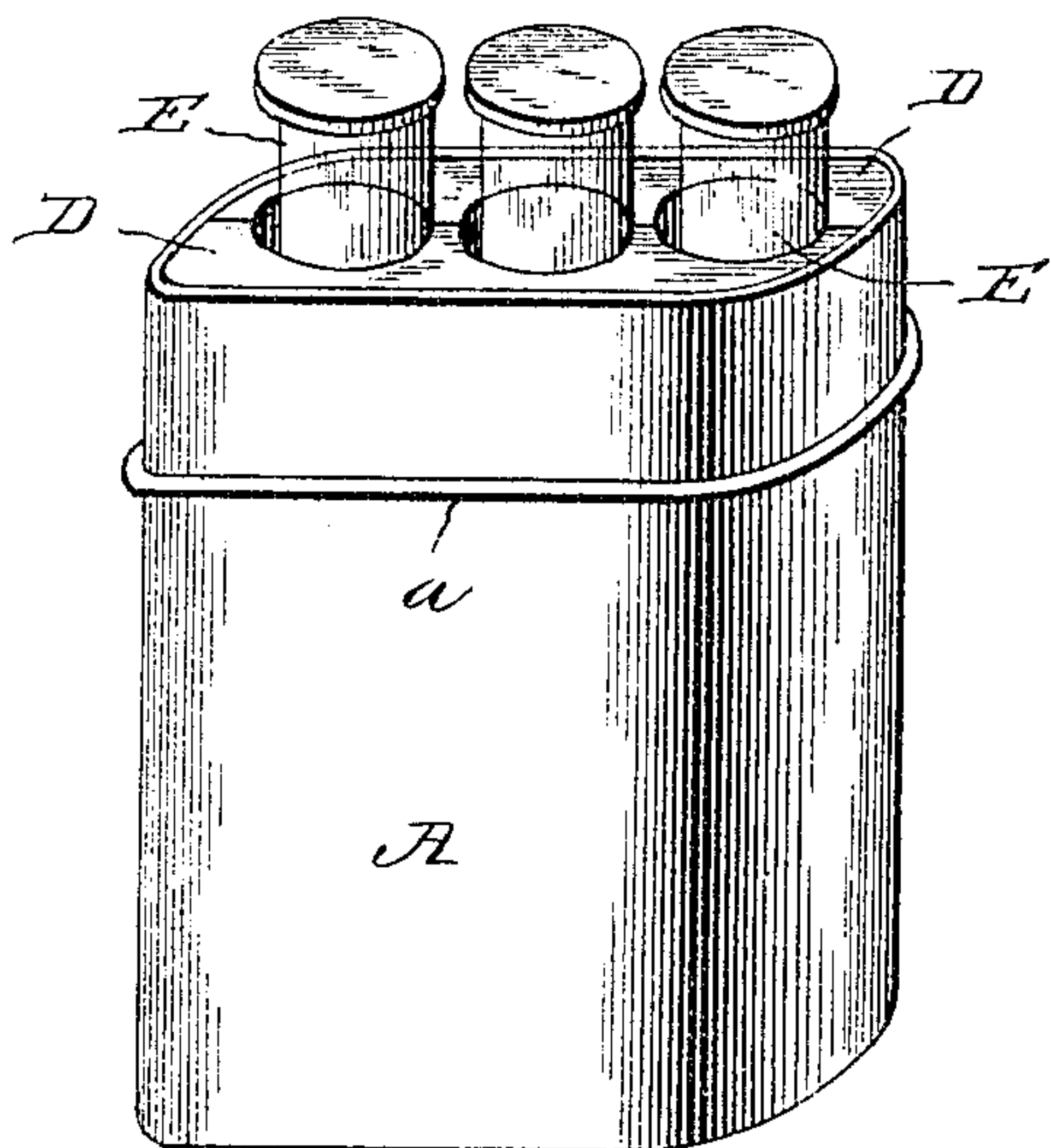


Fig. 3.

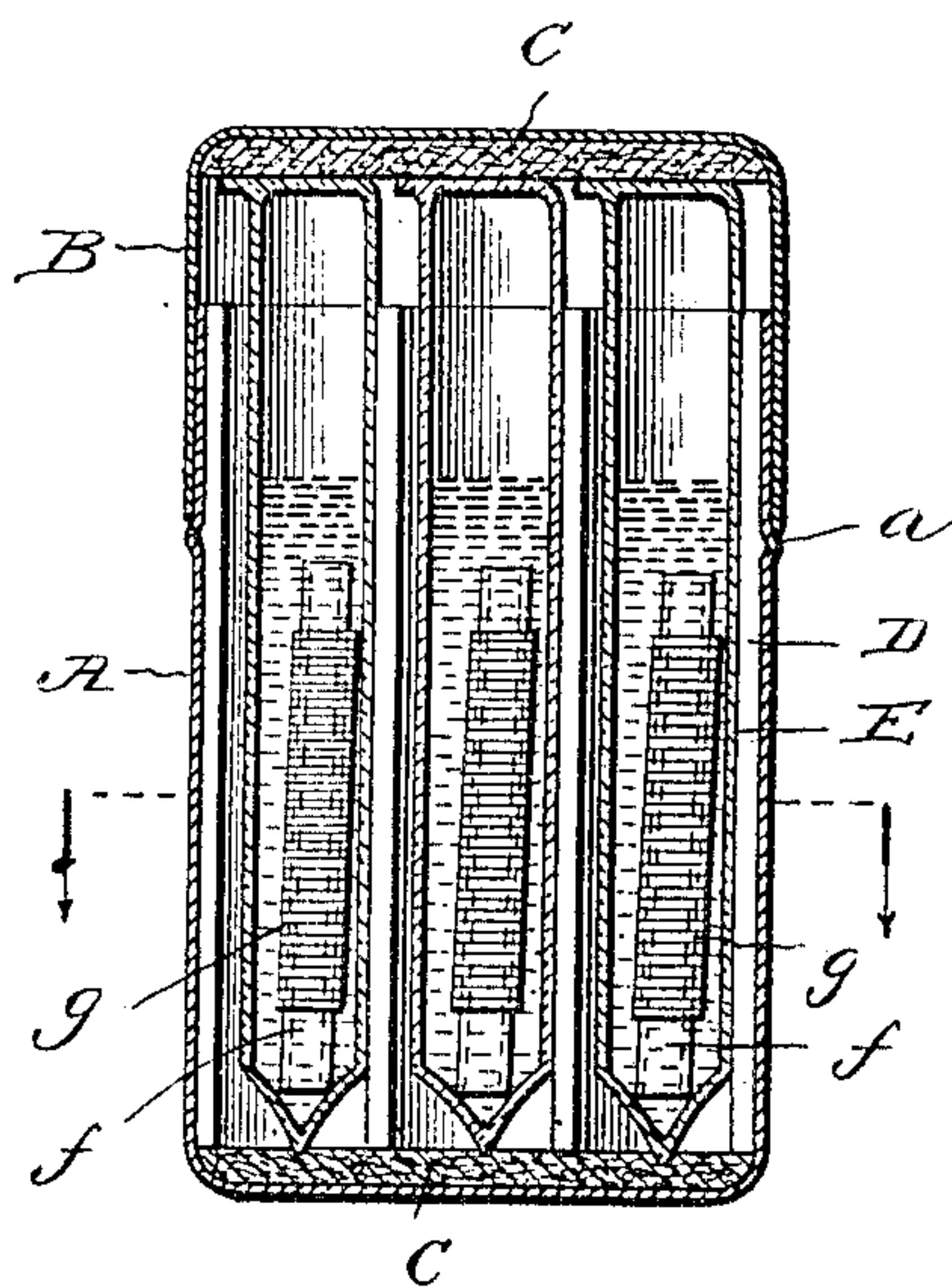


Fig. 2.

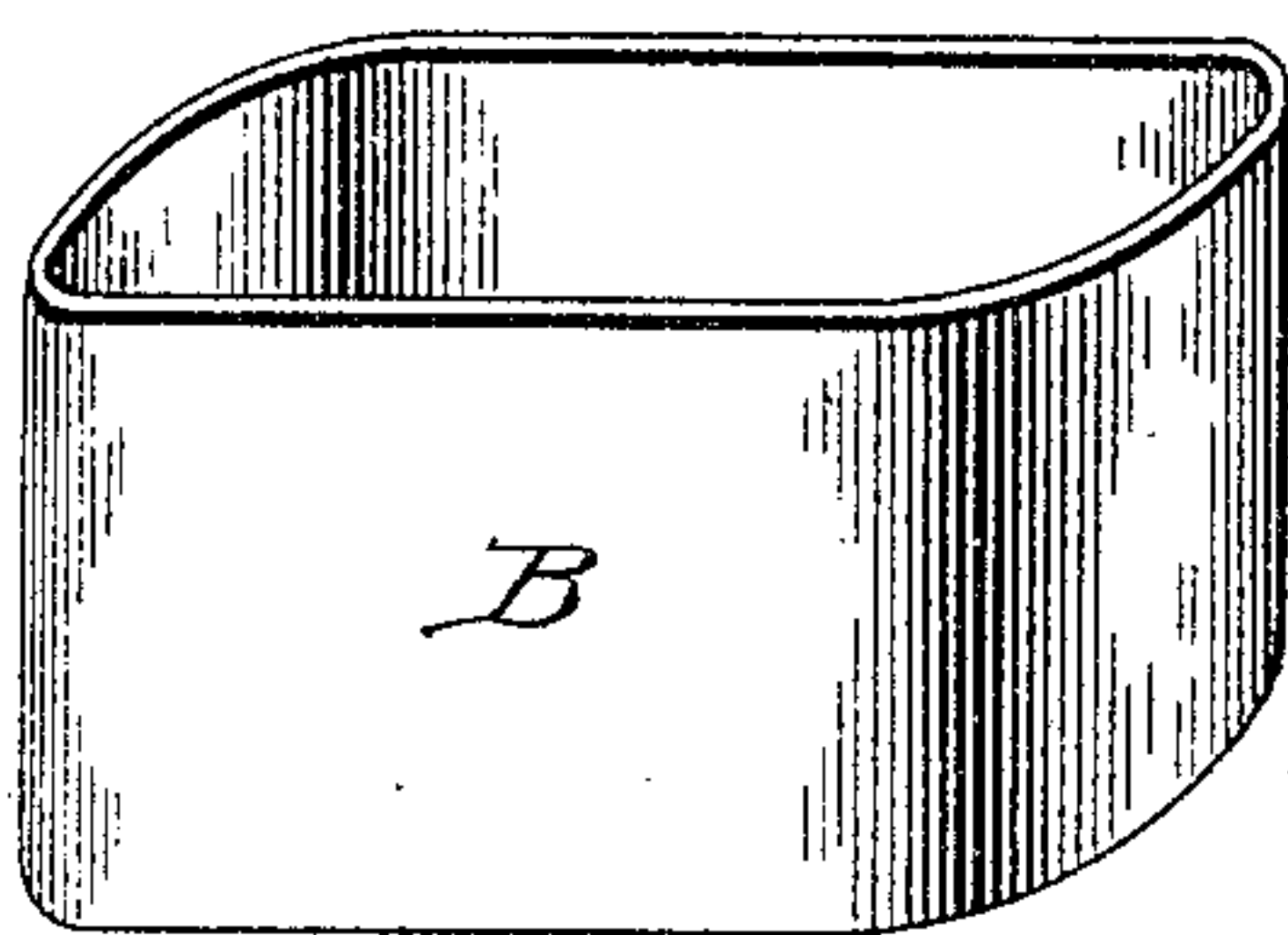
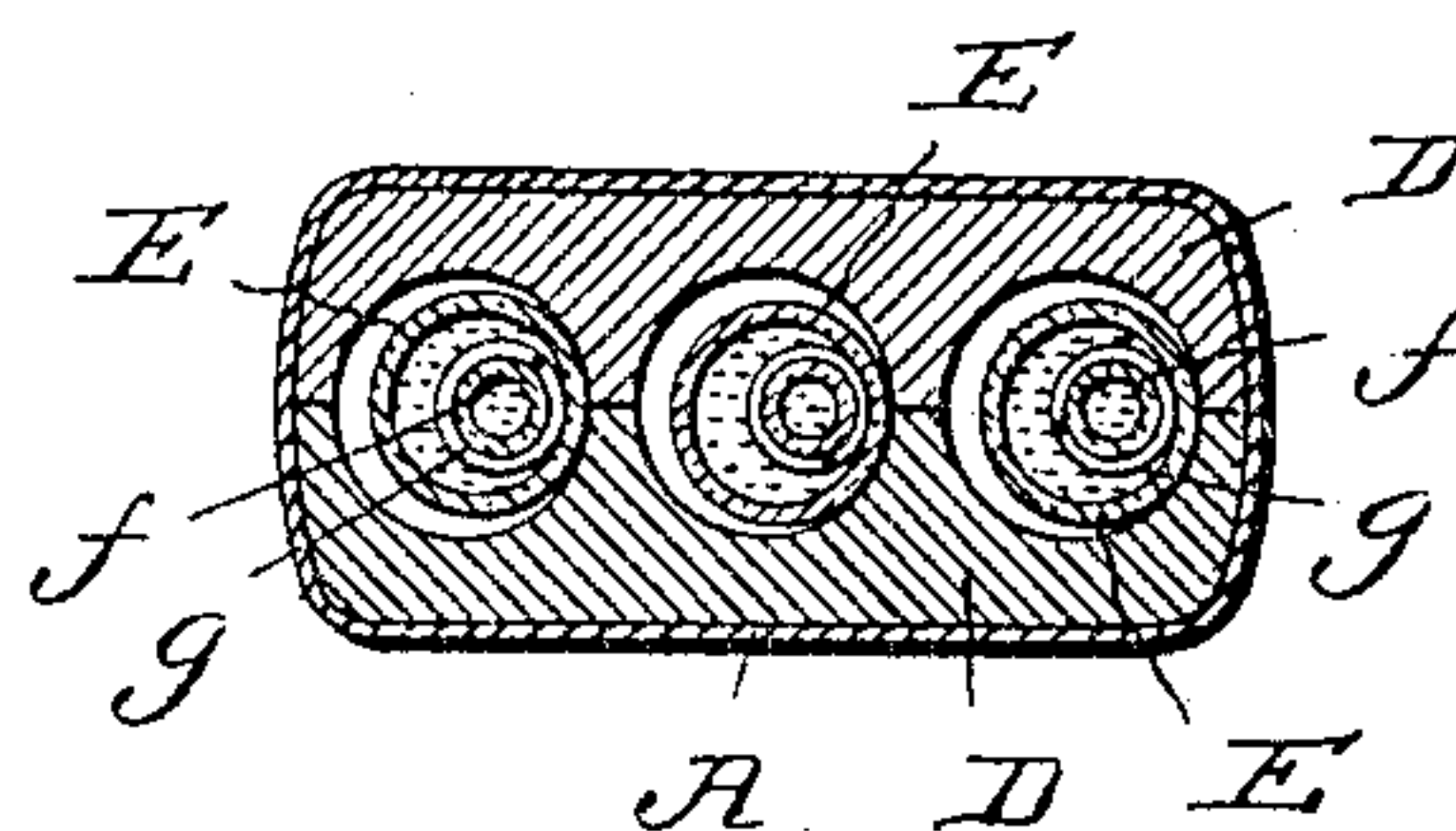


Fig. 4.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## PACKAGE FOR SURGICAL LIGATURES.

No. 799,166.

Specification of Letters Patent.

Patented Sept. 12, 1905.

Application filed September 9, 1904. Serial No. 223,885.

*To all whom it may concern:*

Be it known that I, ROBERT W. JOHNSON, a citizen of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented certain new and useful Improvements in Packages for Surgical Ligatures, of which the following is a specification.

This invention relates to metallic packages which are internally strengthened by a wood frame partitioned to receive a series of glass inclosures, each containing a medical object and preparation; and the objects of my invention are to provide a simple metallic package of two telescoping parts which are internally strengthened and supported against external indentation by a wood frame consisting of two parts internally recessed and partitioned to provide a series of chambers, each chamber containing a glass inclosure and the latter containing a surgical ligature and antiseptic fluid, the ends of said glass inclosure being protected with cotton or other soft and slightly-yielding material packed in the inner end of both telescoping parts of the metallic inclosure.

I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the package, shown with the cover removed. Fig. 2 is a perspective view of said cover. Fig. 3 is a longitudinal sectional view of the complete package. Fig. 4 is a horizontal section of the same.

In said drawings the outer covering of the package consists of a box-like inclosure A, of sheet metal, preferably aluminium, having flat sides and substantially rounded smaller sides or ends and a cover B of the same form, but of less depth and slightly larger to fit on the inclosure A and telescope upon it, the inclosure A having a small beading *a* around it to limit the amount of telescoping of the cover B upon said inclosure. Within the cover B and in the bottom of the box A are located pads C of suitable thickness, of absorbent cotton or of other soft and slightly-yielding material, and upon the bottom pad are placed two blocks of wood D, facing and in contact with each other. The inner face of each block has a series of semicylindrical

grooves *d*, oppositely disposed to constitute cylindrical chambers, in each one of which is placed loosely therein a glass tube or bottle E. Each tube contains a tube-like glass spool *f*, around which is wound a suitable length of catgut cord or silk thread *g* for the use of surgeons, said material being surrounded by an antiseptic liquid placed and sealed in the tube E. By this arrangement many spools of different sizes of thread and their glass inclosure can be carried in a person's pocket without danger of breakage. The periphery of the wood blocks D is exactly the same as that of the interior of the box A, and therefore the box is protected from indentations by the internal support and the blocks D are prevented from sliding sidewise (and possibly damaging the glass tubes E) by the walls of the box A, as shown.

Having now fully described my invention, I claim—

1. A package for surgical ligatures consisting of a box of sheet metal having flat sides and rounded ends and a beading *a*, around its body below its top, and its telescoping cover, two blocks of wood having flat sides and rounded ends and oppositely-disposed grooves lengthwise thereof, said blocks fitting tightly in the metal box, yielding pads placed in the bottom of the box and its cover, and glass tubes bearing against said pads, said tubes being adapted to contain surgical ligatures, substantially as described.

2. In a package for surgical ligatures, the combination of glass tubes adapted to contain said ligatures, two blocks of wood having flat sides and rounded ends and also oppositely-disposed grooves lengthwise thereof to receive the glass tubes, and a sheet-metal box having a beading *a*, around its body below its top, and telescoping with its cover and having flat sides and rounded ends corresponding in size with the periphery of the two blocks of wood, and yielding pads within the end of the metal box and of its cover, substantially as described.

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

ROBERT W. JOHNSON.

Witnesses:

FREDERICK DESHLER,  
LOUIS H. LEITHEISEE.